COMPACT 10DX - COMPACT 2668RT -
COMPACT 12DX - COMPACT 3368RT

For online reference and to download the manuals for your
machines HAULOTTE®, go to :
https://www.e.technical-information.com
or, scan the QR Code below :

4001089310 a

Operator's manual

COMPACT 10DX - COMPACT 2668RT -
COMPACT 12DX - COMPACT 3368RT

4001029830 E 07.22 USA / GB

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A- Foreword

You have just purchased a HAULOTTE® product and we would like to thank you for your business.

The aerial work platform is a device for lifting people designed and manufactured with the intent to enable users to access overhead elevated temporary workplaces with the necessary tools and equipment. All other uses or alterations/ modifications to the aerial work platform must be approved by HAULOTTE®.

This manual shall be considered a permanent component of the machine and shall be kept with the aerial work platform in the designated Manual Holder, at all times.

Safe operation of this product can only be assured if you follow the operating instructions contained in this manual. To ensure proper and safe use of this equipment, it is strongly recommended that only trained and authorized personnel operate and maintain the aerial work platform.

We would particularly like to draw your attention to 2 essential points :

- Comply with safety instructions.
- Use the equipment within the specified/published performance limits.

With regard to the designation of our equipment, we stress that this is purely for commercial purposes and not to be confused with the technical specifications. Only the specifications in this manual should be used to study the suitability of the equipment for the intended use.

This operator's manual is specific to the HAULOTTE® products listed on the cover page of this manual.

⚠ **Original language and version :**

Manuals in English and French are the original instructions. Manuals in other languages are translations of the original instructions.

The operator's manual does not replace the basic training required for equipment operators. HAULOTTE® has compiled this manual to assist in safe and efficient operation of the products covered in the manual.

The manual must be available to all operators and must be kept in a legible condition. Additional copies can be ordered from HAULOTTE Services®.

Stay Safe and keep working with HAULOTTE® !

For online reference and to download the manuals for your machines HAULOTTE®, go to :
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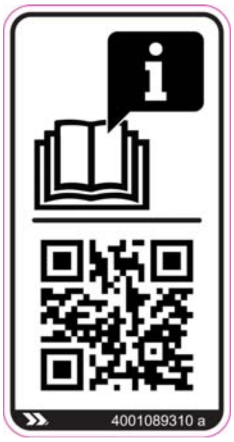
or, scan the QR Code below :



A- Foreword

1 - User responsibility

1.1 - OWNER'S RESPONSIBILITY

The owner (or hirer) has the obligation to :

- To inform operators of the instructions contained in the Operator's Manual.
- Follow local regulations regarding operation of the machine.
- To replace all manuals or decals that are either missing or not legible. Additional copies can be ordered from HAULOTTE Services®.
- To establish a preventive maintenance program in accordance with the manufacturer's recommendations, taking into account the environment and severity of use of the machine.
- To perform periodic inspections in accordance with HAULOTTE® recommendations and local regulations.

All malfunctions and problems identified during the inspection shall be corrected before the aerial work platform is returned to service.

1.2 - EMPLOYER'S RESPONSIBILITY

The employer has the obligation :

- To authorize the operator to use the machine.
- To inform and familiarize the operator with the local regulations.
- Forbid anyone from operating the machine if :
  - Under the influence of drugs, alcohol, etc.
  - Subject to fits, loss of motor skills, dizziness, etc.

1.3 - TRAINER'S RESPONSIBILITY

The trainer must be qualified to provide training to operators in accordance with applicable local regulations. The training must be given in an obstacle-free area until the trainee is considered competent as defined by the training program undertaken.

1.4 - OPERATOR'S RESPONSIBILITY

The operator has the obligation to :

- Read and understand the contents of this manual and familiarize himself/herself with the decals affixed on the machine.
- To inspect the machine before use according to HAULOTTE®'s recommendations..
- Inform the owner (or hirer) if the manual or any decals are missing or are not legible.
- To inform of any malfunctioning of the machine.

Operators must ensure that the inspections have been carried out by the owner and that they can use the machine for the purpose intended by the manufacturer.

Only authorized and qualified operators may operate HAULOTTE® machines.

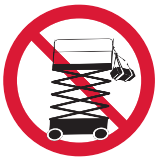
All operators must become familiar with and fully understand the emergency controls and be able to operate the machine in an emergency.

The operator has the obligation to stop using the machine in the event of malfunction or safety problems on the machine or in the work area and report the problem immediately to his/her supervisor.

2 - Safety

2.1 - SAFETY INSTRUCTIONS

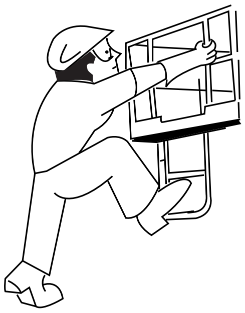
2.1.1 - Misuse Hazards



- Do not use the machine for other purposes than to lift people, their tools and equipment to the desired position.
- Do not use the machine as a crane, material lift or elevator. Only use the machine as it was intended.
- Do not attach overhanging loads when raising or lowering the platform.
- Do not tie the platform to an adjacent fixed or mobile structure.
- Do not use/operate the machine when alone. A survey person or immediate Supervisor must be present on the ground in case of emergency.
- Do not use a faulty or poorly maintained machine. Remove defective/damaged machine from service.
- Do not climb onto the compartment covers of the machine.
- Do not replace items critical to machine stability with items of different weight or specification.
- Do not replace factory-installed tires with tires of different specifications or ply rating.
- Do not alter or disable machine components that in any way affect safety and stability.
- Do not disable the safety devices.
- Do not deface, modify or obscure any decals or markings on the aerial work platform.

2.1.2 - Falling Hazards

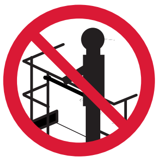
To enter or exit from the platform :



- The machine must be completely stowed.
- Face the machine to access the entry opening to the platform.
- Keep 3 points of contact (both hands and a foot) on the steps and the guardrail.
- Keep fingers away from moving parts near entry gate.

Before commencing operation :

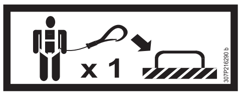
- Ensure that guard rails are correctly installed and secured.
- Ensure that gate or sliding bar is in its securely locked position.
- If using a machine that has a swing gate, check that the entry gate closes by itself and gate latches and locks.



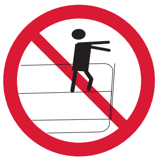
- Remove oil or grease from the steps, floor, handrail and the guardrails.
- Clean the floor of the platform (no debris).

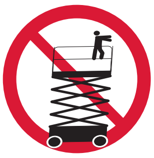
When in the platform :

- If local regulations require the wearing of a harness, use only the anchor points provided for this purpose.
- The correct use of the harness requires the lanyard to be connected to an anchorage point designated by the decals. Refer to this decal located on the platform.



- Hold on securely to the guardrails.
- Always keep your feet firmly on the floor of the platform.
- Do not sit, stand, or climb on the platform guard rails.
- Do not lean on the gate or sliding bar.
- Do not lean over the guard rails or climb over them. Only work in the platform area within the guard rails.
- Do not exit the platform until it is in the completely stowed position.
- Do not use the guardrail as a means of access to climb in or out of the platform.

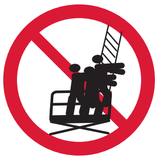




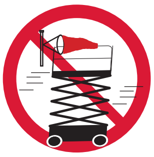
2.1.3 - Overturning / Tip-over Hazards

Before positioning and operating the machine :

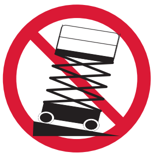
- Ensure that the surface is capable of supporting the machine weight including the rated capacity.
- Do not exceed the maximum rated capacity that includes the weight of both material and allowed number of occupants. Do not exceed the allowable number of occupants.
- Do not increase the working height (using extensions, ladder, etc.).
- Do not place ladders or scaffolds in the platform or against any part of this machine.
- Place the loads uniformly distributed on the platform floor.



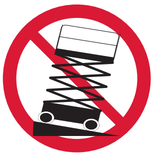
- Do not use the machine in winds exceeding the permissible limit.
- Do not increase the surface area of the platform exposed to wind. This includes adding panels, mesh, banners. Be aware when working with materials with a large surface area. This will add to the wind load on the machine.



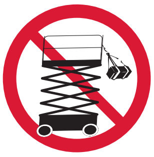
- Do not raise the platform or drive with platform elevated on an incline exceeding the rated slope for the machine.



- Do not drive the machine on slopes or grades exceeding the specified limits.



- Do not replace components critical to stability with components of different weight or specification.
- Never use the machine with material or objects suspended from the guard-rail.



- Do not pull or push towards any object outside of the platform. Do not exceed the maximum allowable side force stated in the performance specifications.
- Do not use the machine to support any external structure.
- Do not use the machine to tow other machines or to drag materials.

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Using a machine on a slope :

Do not drive the machine on slopes with gradients exceeding the authorised transversal and lateral limits for the machine. ☞ Section B 4.1 - Technical specifications.

WIND : The aerial work platform can operate up to a maximum wind speed as indicated in the specifications. To identify the local wind speed, use the Beaufort scale below, use a wind gauge or an anemometer.

N.B.-:-THE BEAUFORT SCALE OF WIND FORCE IS ACCEPTED INTERNATIONALLY AND IS USED WHEN COMMUNICATING WEATHER CONDITIONS. A WIND SPEED RANGE AT 10 M (32 FT 9 IN) ABOVE FLAT, CLEAR LAND IS ASSOCIATED WITH EACH DEGREE.

Beaufort scale

Force	Meteorological description	Observed effects	m/s	km/h	mph
0	Calm	Smoke rises vertically.	0 - 0,2	0 - 1	0 - 0,62
1	Very light breeze	Smoke indicates the wind direction.	0,3 - 1,5	1 - 5	0,62 - 3,11
2	Light breeze	Wind felt on the face. Leaves rustle. Weather vanes turn.	1,6 - 3,3	6 - 11	3,72 - 6,84
3	Slight breeze	Leaves and small twigs in constant motion. Flags move slightly.	3,4 - 5,4	12 - 19	7,46 - 11,8
4	Nice breeze	Raised dust and loose papers. Small branches are moved.	5,5 - 7,9	20 - 28	12,43 - 17,4
5	Nice breeze	Small trees in leaf to sway. Crested wavelets form on inland waterways.	8,0 - 10,7	29 - 38	18,02 - 23,6
6	Cool wind	Large branches in motion. Power lines and chimneys 'sing'. Umbrellas used with difficulty.	10,8 - 13,8	39 - 49	24,23 - 30,45
7	Near gale	Whole trees in motion. Inconvenience felt when walking against wind.	13,9 - 17,1	50 - 61	31 - 37,9
8	Gale	Some branches break. Generally we cannot walk against the wind.	17,2 - 20,7	62 - 74	38,53 - 45,98
9	Strong gale	The wind causes slight damage to buildings. Tiles and chimney stacks are blown off.	20,8 - 24,4	75 - 88	46,60 - 54,68

2.1.4 - Electric Shock Hazards

The machine is not electrically insulated and does not provide protection from contact or proximity to electrically charged conductors.

Always position the lift at a safe distance from electrically charged conductors to ensure that no part of the machine is within an unsafe area.

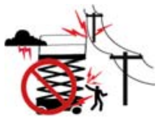
Respect the local rules and the minimum safety distance from power lines.

Minimum safe approach distances

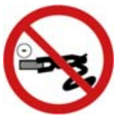
Electric voltage	Minimum safety distance	
	Mètre	Feet
0 - 300 V	Avoid contact	
300 V - 50 kV	3	10
50 - 200 kV	5	15
200 - 350 kV	6	20
350 - 500 kV	8	25
500 - 750 kV	11	35
750 - 1000 kV	14	45

N.B.-:-USE THIS TABLE EXCEPT WHERE LOCAL REGULATIONS INDICATE OTHERWISE.

- Do not operate the machine when close to live power lines, consider the movement of the machine and the sway of the electric power lines particularly in windy conditions.
- Do not operate the machine during lightning, thunderstorms, snow/ice or any weather condition that could compromise operator safety.
- The machine must not be used while charging the batteries.
- When using the platform AC power supply, ensure it is protected with a circuit breaker and residual current device.



- Do not use the machine as a ground for welding.
- Do not weld on the machine without first disconnecting the battery terminals.
- Always disconnect ground cable first.

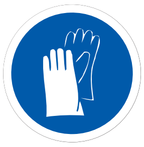


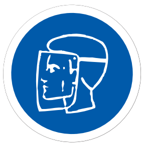
Keep away from the machine if it contacts energized power lines. Personnel on the ground or in the platform must not touch or operate the machine until energized power lines are shut off.

2.1.5 - Explosion / Fire Hazards

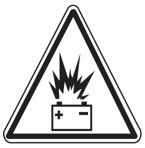
- Always wear protective clothing and eye wear when working with batteries and power sources/systems.

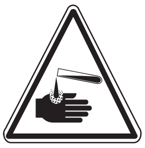
N.B.-:-ACID IS NEUTRALIZED WITH SODIUM BICARBONATE AND WATER.



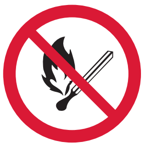


- Do not start the engine if you smell or detect liquid propane gas (LPG), gasoline, diesel fuel or other explosive substances.
- Do not work on or operate a machine in an explosive or flammable atmosphere / environment.
- Do not touch hot components.
- Do not bridge the battery terminals with metallic objects.

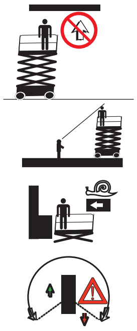




- Do not service the battery in proximity of spark, open flame, lit cigarettes.
- Do not fill up the fuel tank, when the engine is running and/or near a flame.



2.1.6 - Crushing / Collision Hazards



When in the platform :

- Check the work area for overhead clearance, for any obstacles besides and below the platform when raising/lowering the platform and or before driving.
- During movement, keep all the parts of the body inside the platform. Hold onto the guardrails on the opposite side to any surrounding structures. Take care to avoid trapping hands whilst holding the guardrails.
- To position machine close to a building/structure, use extension deck feature, instead of driving machine closer to structure.
- Always cordon off the area around the base of the machine to keep personnel and other equipment away from the machine while in use.
- Warn personnel not to work, stand, or walk under a raised boom/platform.
- Do not drive in reverse direction (opposite the field of vision).
- Always ensure that the chassis is never kept any closer than 1 m (3 ft 3 in) to holes, bumps, slopes, obstructions, debris and ground coverings that may hide holes and other dangers.
- Keep non-operating personnel at least 5 m (16 ft 5 in) away from the machine when driving.
- Be aware of driving direction.
  - Check the driving direction with the help of the red or green arrow on the chassis relative to the red and green arrows on the platform control box.
  - Also note that when changing the driving direction (Forward <> Reverse) the joysticks or switches must return to the neutral position before reversing the drive direction and for movement to occur.
- When driving, position the platform so as to provide the best possible visibility and to avoid any blind spots.
- Hold on securely to the guardrails.

- Personal fall protection equipment (PFPE) :
  - Occupants must wear a safety harness, personal protective equipment and comply with the applicable national regulations. Attach the safety harness lanyard to the designated anchorage points provided for this purpose on the work platform.
  - Operators must comply with the safety standards of the job site and the employer, as well as the applicable state regulations relating to the use of personal protective equipment.
  - All personal fall protection equipment (PFPE) must comply with current regulations, must be inspected and used in accordance with the manufacturer's instructions.
- Avoid contact with fixed or mobile obstacles (other machines).
- Other machines (crane, aerial work platform, etc.) operating in the work area increase the risk of crushing or collision. Restrict the operation of machines moving within the aerial work platform work area.
- Take into consideration the stopping distance, reduced visibility and blind spots of the machine.
- Limit travel speed to suit the ground surface condition, slope (incline), and people in the vicinity.

2.1.7 - Uncontrolled movement Hazards

Never use a damaged or malfunctioning machine.

Always respect the following rules :

- Maintain clearance from high voltage lines.
- Maintain clearance from generators, radar, electromagnetic fields.
- Never expose the batteries or electrical components to water (high pressure washer, rain).

A- Foreword

3 - Safety inquiries

Inquiries relating to design criteria/specifications of a product, standards compliance, or overall machine safety should be sent to the HAULOTTE® PRODUCT SAFETY department.

Each inquiry or request should include all relevant information; including contact name, telephone number, mailing address, email address, plus the machine model and serial number.

The HAULOTTE® Product Safety department will evaluate each request/inquiry and will provide a written response.

4 - Incident notification

Notify HAULOTTE® immediately when a HAULOTTE® product has been involved in an incident/accident leading to personal injury or death, or when there is a major property damage.

HAULOTTE Group - EUROPE Product Safety Department	HAULOTTE Group - Australia, India and Asia Product Safety Department	HAULOTTE Group - North & South America Product Safety Department
Address : Rue Emile Zola - 42420 Lorette - France	Address : No.26 Changi North Way - Singapore 498812 - Singapore	Address : 3409 Chandler Creek Rd. - Virginia Beach, VA 23453 - United States
Tel : +33 (0)4 77 29 24 24	Tel : +65 6546 0123	Tel : +1 757 689 2146
Email : productsafety.europe@haulotte.com	Email : productysafety.apac@haulotte.com	Email : productsafety.americas@haulotte.com

Connect to our website : www.haulotte.com

5 - Compliance

5.1 - PRODUCT MODIFICATION

It is strictly forbidden to modify a HAULOTTE® product. Any modification may violate Haulotte design parameters, local regulations and industry standards.

All modifications must be submitted in writing (form) and approved by the manufacturer.

Do not hesitate to contact HAULOTTE Services®, should you have any questions relating to the issued bulletin(s) or with questions on the policy itself.

5.1.1 - Implementing manufacturer safety campaigns

It is essential to implement the safety campaigns issued by the manufacturer. All of these campaigns are accessible on our website.

Connect to our website : www.haulotte.com

Never place a machine on the market without completing all the Safety Campaigns.

5.2 - PRODUCT SPECIFICATIONS

HAULOTTE® cannot be held liable for any changes to the technical characteristics/ specifications contained in this manual. HAULOTTE® has a continuous improvement policy in place for its product range. Given this policy, the Company reserves the right to modify products technical characteristics / specifications without notice.

Certain options/accessories can modify the machine's operating characteristics and its' associated safety. If your machine was originally delivered with options fitted, replacing a safety component associated with a particular option does not require any particular precaution other than those associated with the installation itself (static test).

Otherwise, it is essential to follow the manufacturer's recommendations as stated below :

- Installation by authorised HAULOTTE® personnel only.
- Update the manufacturer's identification plate.
- Have stability tests carried out by a certified agency/competent person.
- Ensure decals are updated.

5.3 - CHANGE OF OWNERSHIP NOTIFICATION

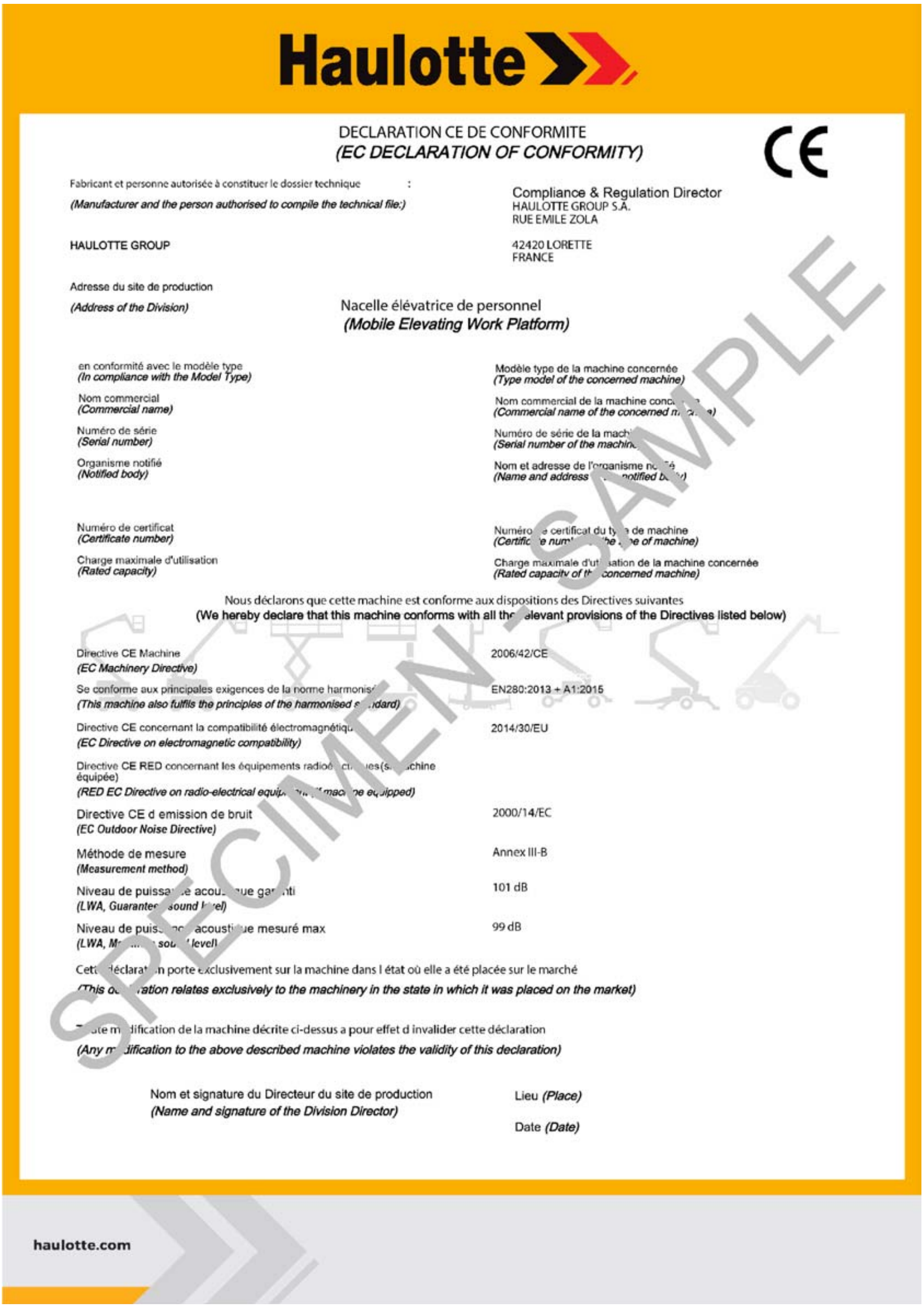
It is important and necessary to keep HAULOTTE Services® updated with current ownership of the machine. This way, HAULOTTE® will be able to provide the necessary support for the product. If you have sold or transferred this machine(s); it is your responsibility to notify HAULOTTE Services®. It is not required to include Lessees/Renters of Leased/Rented machines on this form.

Connect to our website : www.haulotte.com

5.4 - DECLARATION OF CONFORMITY

CE Declarations of Conformity only apply to machines that are certified for the European market.

Declaration of conformity - Thermal platforms



DECLARATION CE DE CONFORMITE
(EC DECLARATION OF CONFORMITY)

Fabricant et personne autorisée à constituer le dossier technique :
(Manufacturer and the person authorised to compile the technical file:)

HAULOTTE GROUP

Compliance & Regulation Director
HAULOTTE GROUP S.A.
RUE EMILE ZOLA

42420 LORETTE
FRANCE

Adresse du site de production
(Address of the Division)

Nacelle élévatrice de personnel
(Mobile Elevating Work Platform)

en conformité avec le modèle type *(In compliance with the Model Type)*	Modèle type de la machine concernée *(Type model of the concerned machine)*
Nom commercial *(Commercial name)*	Nom commercial de la machine concernée *(Commercial name of the concerned machine)*
Numéro de série *(Serial number)*	Numéro de série de la machine *(Serial number of the machine)*
Organisme notifié *(Notified body)*	Nom et adresse de l'organisme notifié *(Name and address of the notified body)*
Numéro de certificat *(Certificate number)*	Numéro de certificat du type de machine *(Certificate number of the type of machine)*
Charge maximale d'utilisation *(Rated capacity)*	Charge maximale d'utilisation de la machine concernée *(Rated capacity of the concerned machine)*

Nous déclarons que cette machine est conforme aux dispositions des Directives suivantes
(We hereby declare that this machine conforms with all the relevant provisions of the Directives listed below)

Directive CE Machine *(EC Machinery Directive)*	2006/42/CE
Se conforme aux principales exigences de la norme harmonisée *(This machine also fulfils the principles of the harmonised standard)*	EN280:2013 + A1:2015
Directive CE concernant la compatibilité électromagnétique *(EC Directive on electromagnetic compatibility)*	2014/30/EU
Directive CE RED concernant les équipements radioélectriques(si machine équipée) *(RED EC Directive on radio-electrical equipment (if machine equipped)*	
Directive CE d emission de bruit *(EC Outdoor Noise Directive)*	2000/14/EC
Méthode de mesure *(Measurement method)*	Annex III-B
Niveau de puissance acoustique garanti *(LWA, Guaranteed sound level)*	101 dB
Niveau de puissance acoustique mesuré max *(LWA, Maximum sound level)*	99 dB

Cette déclaration porte exclusivement sur la machine dans l état où elle a été placée sur le marché
(This declaration relates exclusively to the machinery in the state in which it was placed on the market)

Toute modification de la machine décrite ci-dessus a pour effet d invalider cette déclaration
(Any modification to the above described machine violates the validity of this declaration)

Nom et signature du Directeur du site de production
(Name and signature of the Division Director)

Lieu *(Place)*

Date *(Date)*

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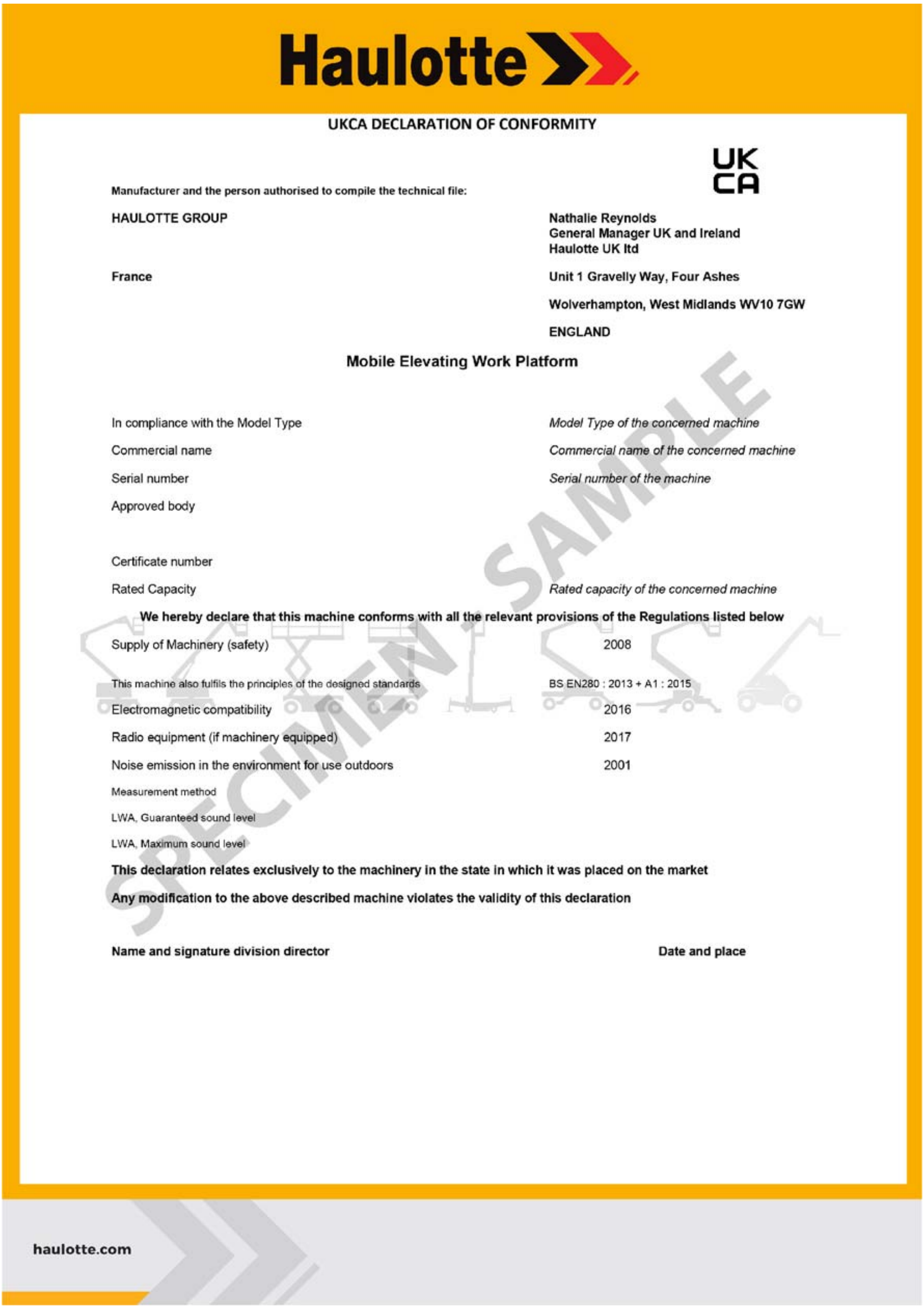
SPECIMEN - SAMPLE

A- Foreword

⚠ **UKCA Declarations of Conformity only apply to machines that are certified for England, Wales and Scotland.**

Declaration of conformity - Thermal platforms



Haulotte

UKCA DECLARATION OF CONFORMITY

UK CA

Manufacturer and the person authorised to compile the technical file:

HAULOTTE GROUP	Nathalie Reynolds General Manager UK and Ireland Haulotte UK ltd
France	Unit 1 Gravelly Way, Four Ashes
	Wolverhampton, West Midlands WV10 7GW
	ENGLAND

Mobile Elevating Work Platform

In compliance with the Model Type	*Model Type of the concerned machine*
Commercial name	*Commercial name of the concerned machine*
Serial number	*Serial number of the machine*
Approved body	
Certificate number	
Rated Capacity	*Rated capacity of the concerned machine*

We hereby declare that this machine conforms with all the relevant provisions of the Regulations listed below

Supply of Machinery (safety)	2008
This machine also fulfils the principles of the designed standards	BS EN280 : 2013 + A1 : 2015
Electromagnetic compatibility	2016
Radio equipment (if machinery equipped)	2017
Noise emission in the environment for use outdoors	2001
Measurement method	
LWA, Guaranteed sound level	
LWA, Maximum sound level	

This declaration relates exclusively to the machinery in the state in which it was placed on the market

Any modification to the above described machine violates the validity of this declaration

Name and signature division director **Date and place**

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SPECIMEN
SAMPLE

B- Familiarization

1 - General safety

1.1 - INTENDED USE

Do not operate the product in the following situations :

- On soft, unstable or cluttered ground.
- With wind blowing faster than the permissible limit :
  - Check the allowable wind speed specified in the performace specifications tabulation.
  - Consult the Beaufort scale.
- Close to power lines. Keep a safe distance.
- If the machine is stored at a temperature out of range - 20°C / + 50°C (- 4°F / + 122°F).
- In an explosive atmosphere / environment.
- During storms.
- In the presence of strong electromagnetic fields.

N.B.-:-USE THE MACHINE UNDER "NORMAL" CLIMATIC CONDITIONS. IF YOU NEED TO USE THE MACHINE IN CLIMATIC CONDITIONS LIKELY TO CAUSE DETERIORATION (EXTREME : HUMIDITY, TEMPERATURES, SALINITY, CORROSIVENESS, ATMOSPHERIC PRESSURE), CONTACT HAULOTTE SERVICES®. REDUCE INTERVALS BETWEEN SERVICING.

N.B.-:-WHILE THE MACHINE IS NOT IN USE, CARE MUST BE TAKEN TO BRING THE MACHINE TO THE FULLY STOWED POSITION. ENSURE THAT THE MACHINE IS LOCKED IN A SECURE LOCATION, AND THE CONTROL KEY IS REMOVED TO PREVENT UNAUTHORISED USE OF THE MACHINE.

1.2 - DECAL CONTENT

Decals are provided to alert the user of hazards inherent with the Aerial Work Platforms.

Decals provide the following information :

- The level of severity.
- The specific hazard.
- A method to avoid, suppress or reduce the hazard.
- Descriptive text (where required).

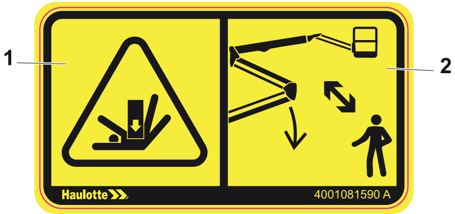
Familiarize yourself with the decals and the hazard severity levels.

Decals must be kept in good legible condition.

Familiarize yourself with the decals and their respective color codes.

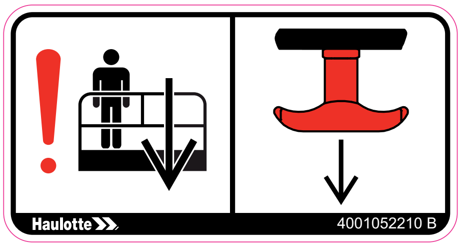
Additional decals can be ordered from HAULOTTE Services®.

CE, UKCA, AS and EAC standards - Label warning risk

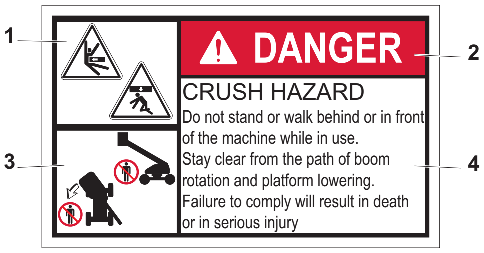


Marking	Description
1	Pictorial panel with safety alert symbol or with hazard description pictorial enclosed by safety alert triangle
2	Message panel

CE, UKCA, AS and EAC standards - Label informing about an important function of the machine



ANSI and CSA standards


1
2
3
4
DANGER
CRUSH HAZARD
Do not stand or walk behind or in front of the machine while in use.
Stay clear from the path of boom rotation and platform lowering.
Failure to comply will result in death or in serious injury

Marking	Description
1	Hazard symbol
2	Level of severity
3	Avoidance symbol pictorial
4	Avoidance text

1.3 - SYMBOLS AND COLORS

Symbols and colors are used to alert the operator of safety precautions and/or to highlight important safety information.

The following safety symbols are used throughout this manual to indicate specific hazards and the hazard severity level when operating or maintaining the Aerial Work Platform.

Symbol	Description
⚠	Danger : Risk of injury or death
⚠	Caution : Risk of material damage
🚫	Prohibited action
☀	Reminder to use good practice or follow pre-operation checks
☞	Cross-reference to another part of the manual
📖	Cross-reference to another manual
🚚	Cross-reference to repair (contact HAULOTTE Services®)
N.B. :	Additional technical information

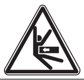
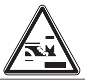
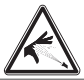
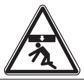
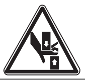
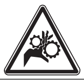
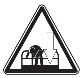
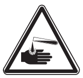
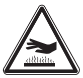
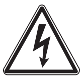
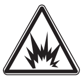
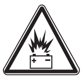
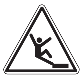
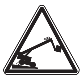
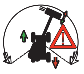
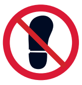
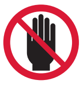
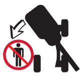
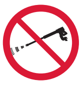
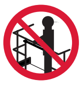
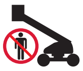
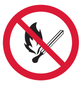
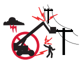
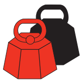
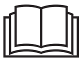
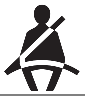
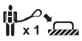
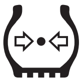
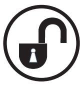
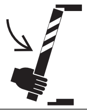
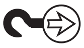
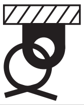
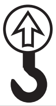
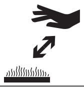
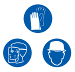
1.4 - LEVEL OF SEVERITY

Color	Title	Description
🟥 ⚠	⚠ DANGER	Danger : Indicates a hazardous situation which if not avoided, WILL result in death or serious injury.
🟧 ⚠	⚠ WARNING	Warning : Indicates a hazardous situation which if not avoided, COULD result in death or serious injury.
🟨 ⚠	⚠ CAUTION	Caution : Failure to comply could result in minor or moderate injury.
🟦	*NOTICE*	Notice : Indicates recommended practices if not followed, may result in a malfunction or damage the machine or its components.
🟩	*PROCEDURE*	Procedure : Indicates a maintenance operation.

1.5 - SYMBOLS LEGEND AND DEFINITIONS

Symbols are used throughout this manual to depict hazards, avoidance measures and indicate when information is required.

Refer to the following table to familiarize yourself with these symbols.

Symbol	Description	Symbol	Description	Symbol	Description
	Body crushing hazard		Foot crushing hazard		High pressure fluid ejection hazard
			Hand crushing hazard		Entanglement hazard
			Health/safety hazards related to chemicals		Health-damaging effects from hot work environment
	Electrical contact or lightning strike		Burns and scalds from contact with flames, explosion or radiation from heat sources		Injury from Electric arcs - Energy supply disconnecting devices - Batteries fire, emissions, etc
	Risk of operator(s) falling		Tip over due to excessive loading / wind load and excessive ground slope		Relate and coordinate directional arrows on the chassis with those on the control box
	Do not put foot in this area		Do not put your hand in this area		Keep away from product working area
	Never expose batteries and electrical component to high pressure washer		Ensure entry drop rail is down		
	Flames prohibited		Maintain safe clearance from high voltage electrically charged conductors as described in manual - Do not use in thunderstorms		Overload
	Refer to operator manual		Safety belt		Use appropriate lanyard attached to dedicated anchor point.
	Wheel pressure		Enable switch		Use safety prop before attempting any maintenance work
	Tow point		Tie down point		Lift point
	Keep away from hot surfaces		Wear protective equipment		

B- Familiarization

2 - Models description

Models	Regulations						
	CE	UKCA	ANSI	CSA	EAC	AS	JIS
Compact 10DX	✓	✓	✗	✗	✓	✓	✓
Compact 12DX	✓	✓	✗	✗	✓	✓	✓
Compact 2668RT	✗	✗	✓	✓	✗	✗	✗
Compact 3368RT	✗	✗	✓	✓	✗	✗	✗

Legend

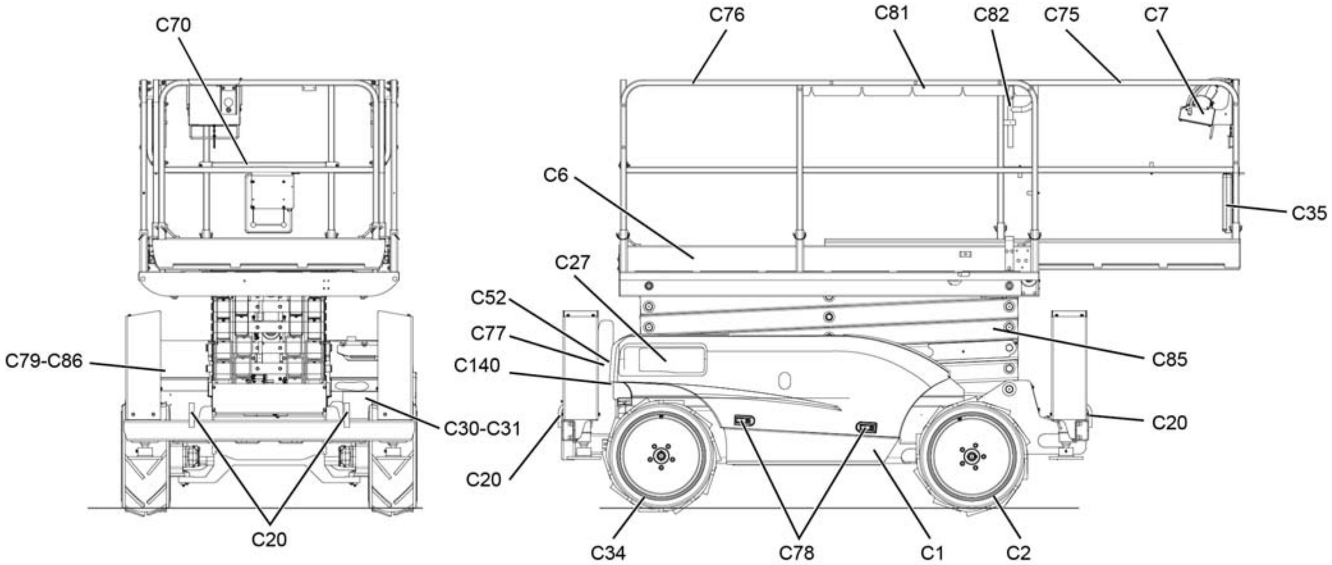
✓	Available
✗	Not available

Notes

3 - Primary machine components

3.1 - LAYOUT

COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT


C70
C79-C86
C20
C30-C31
C76
C81
C82
C75
C7
C6
C35
C27
C52
C77
C140
C85
C20
C20
C34
C78
C1
C2

B- Familiarization

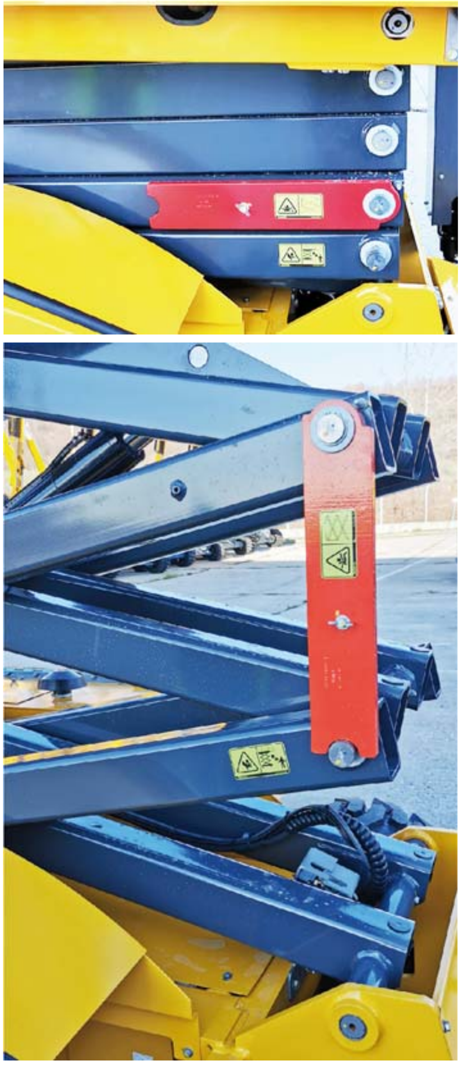
Marking	Description	Marking	Description
C1	Chassis	C75	Extension
C2	Front driven steering axle	C76	Guardrail
C6	Platform	C77	Platform access ladder
C7	Platform control box	C78	Hood locking catch
C20	Anchorage point	C79	Engine bay
C27	Ground control box + Universal plug	C81	Sliding guardrail
C30	Hydraulic oil tank	C82	Deck extension handle
C31	Fuel tank	C83	Stabiliser
C34	Drive wheels	C85	Scissors
C35	Document holder	C86	Internal combustion engine
C52	Pull T-handle for emergency lowering	C140	Propane bottles[1]
C70	Platform access bar		

1. For US only

Universal plug

3.2 - MAINTENANCE SUPPORT

The maintenance support (on both sides of the machine) must be put in place before any maintenance operations.



Maintenance operation – The stand located under one of the scissor arms must be set up :

- For COMPACT 10DX - COMPACT 2668RT : Lift scissor arms to a sufficient height (floor of the platform at around 2,6 m / 8 ft 6 in from the ground).
- For COMPACT 12DX - COMPACT 3368RT : Lift scissor arms to a sufficient height (floor of the platform at around 3,1 m / 10 ft 2 in from the ground).
- Unscrew, rotate and put the stand in the vertical position.
- The stand should remain in the vertical position.
- Lower the scissor arms.
- Scissor arm pivoting rod should rest on the V groove of the stand.

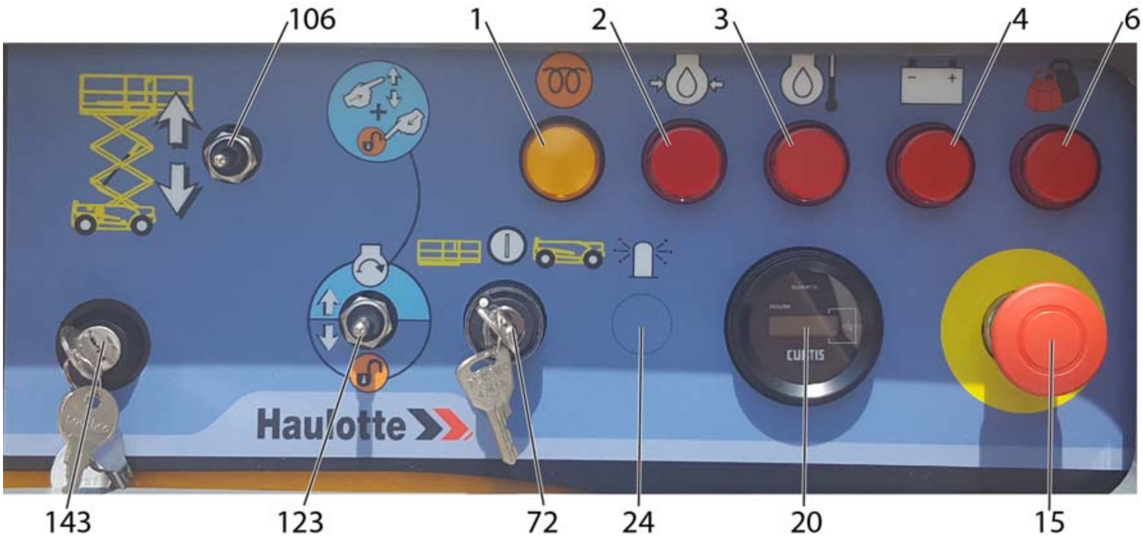
At the end of the maintenance operation :

- Lift scissor arms to a sufficient height to tilt the stand.
- Free the V of the stand from the scissor pin.
- Attach the stand on the scissor arm.

3.3 - GROUND CONTROL BOX

3.3.1 - Layout

General view - COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT


106
1
2
3
4
6
143
123
72
24
20
15

Controls and indicators

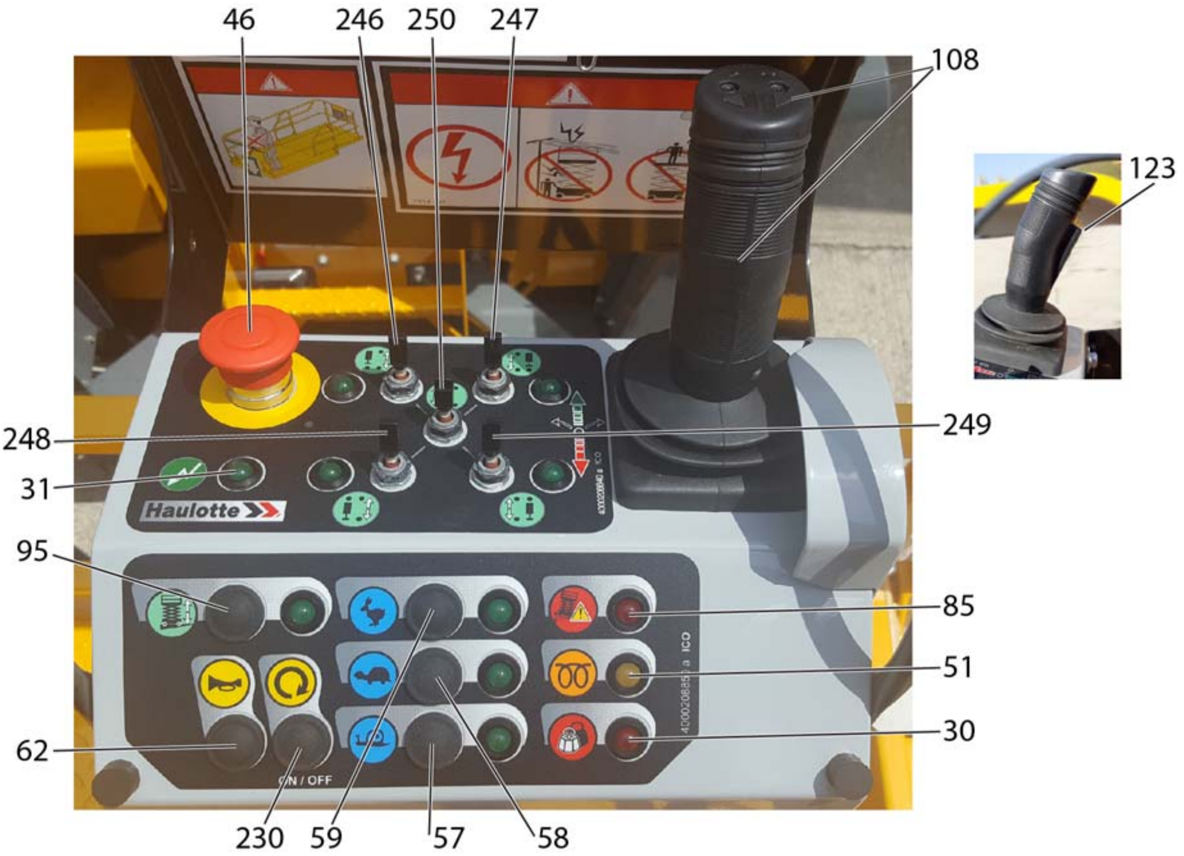
Marking	Item	Description	Function
1	HL9	Electric pre-heating indicator	On : Engine in pre-heating mode
			Off : Engine pre-heated, starting possible
2	HL4	Engine oil pressure light	Low engine oil pressure[1]
3	HL3	Engine temperature indicator	High engine oil temperaturePerform the required maintenance (see the machine maintenance book)
4	HL1	Battery charging indicator	Low battery chargePerform the required maintenance (see the machine maintenance book)
6	HL808	Platform overload indicator	Platform overload
15	SB10	E-stop button	Pulled out : Ground control box energized. The emergency stop push button on the upper console must be pulled (activated) to allow movements.
			Pushed in : The controls on the upper and lower consoles are disabled by switching off the power to the controls (solenoid valves and relays).
20	P1	Hour meter	Total machine running hours
24	SA16	Beacon light on/off[2]	Move to the right : Beacon light on
			Move to the left : Beacon light off
72	SA1	Control box activation key switch	Left : Platform control box energized
			Center : De-energizes control system
			Right : Ground control box energized
106	SA6	Platform raising / lowering selector	Move upwards : Platform raises
			Move downwards : Platform lowers
123	SA8	Enable Switch-Engine start-up selector	Push the selector upwards : Starting the engine
			Move downwards and hold : Associated command is validated
			Release : Associated command movement is halted
143		Control box start-up key	Right : Control box ON
			Left : Control box OFF

1. Perform the required maintenance (see the machine maintenance book)
2. For machines fitted with

3.4 - PLATFORM CONTROL BOX

3.4.1 - Layout

General view-COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT


46
246
250
247
108
123
248
31
249
95
85
51
62
30
230
59
57
58
Haulotte
ON / OFF

Controls and indicators

Marking	Item	Description	Function
30	HL19	Platform overload indicator	Intermittently lit in case of overload
31	HL7	Power ON indicator	On : Machine switched on
			Off : Machine switched off
46	SB11	Platform control box E-stop button	Pulled out : Platform control box power supply energized. The emergency push-button on the lower console must be pulled (activated) to enable movements.
			Pushed in : The controls on the upper and lower consoles are disabled by switching off the power to the controls (solenoid valves and relays).
51	HL21	Electric pre-heating indicator	On : Engine in pre-heating mode
			Off : Engine pre-heated, starting possible
57	SB1	Low speed selector	Pressed down (activated and LED on) : Low-speed drive selection
58	SB2	Medium speed selector	Pressed down (activated and LED on) : Medium-drive speed selection (difficult ground, slope)
59	SB3	High speed selector	Pressed down (activated and LED on) : High-speed drive selection (for long distance)
62	SB7	Horn button	Pressed down (activated) : Horn
85	HL30	Fault indicator	Flashes if fault and/or tilt
95	SB4	Platform raising / lowering selector	Pressed down (activated and LED on) : Platform raising/ lowering selection
108	SM4	Movement joystick	Move forward : Forward drive or platform raising
			Move backwards : Reverse drive or platform lowering
123	S2	Enable Switch	Press in and hold : Associated command is validated
			Release : Associated command movement is halted
230	SB5	Engine start-up selector	Start or stop the engine (depending on the machine's operating status) by pressing the push-button
246	SA4	Front left stabilizer extension/ retraction selector	Push the selector downwards to extend the stabilizers : Stabilizer extended and LED on (continuously: stabilizer extended and set against the ground; rapid flashing: stabilizer extended but not yet set; slow flashing: stabilizer totally extended but not set) Push the selector upwards to raise the stabilizers : Stabilizer retraction and corresponding LED off during lowering
247	SA7	Front right stabilizer extension/ retraction selector	Push the selector downwards to extend the stabilizers : Stabilizer extended and LED on (continuously: stabilizer extended and set against the ground; rapid flashing: stabilizer extended but not yet set; slow flashing: stabilizer totally extended but not set) Push the selector upwards to raise the stabilizers : Stabilizer retraction and corresponding LED off during lowering

Marking	Item	Description	Function
248	SA12	Rear left stabilizer extension/ retraction selector	Push the selector downwards to extend the stabilizers : Stabilizer extended and LED on (continuously: stabilizer extended and set against the ground; rapid flashing: stabilizer extended but not yet set; slow flashing: stabilizer totally extended but not set) Push the selector upwards to raise the stabilizers : Stabilizer retraction and corresponding LED off during lowering
249	SA9	Rear right stabilizer extension/ retraction	Push the selector downwards to extend the stabilizers : Stabilizer extended and LED on (continuously: stabilizer extended and set against the ground; rapid flashing: stabilizer extended but not yet set; slow flashing: stabilizer totally extended but not set) Push the selector upwards to raise the stabilizers : Stabilizer retraction and corresponding LED off during lowering
250	SA10	Central stabilizer extension/retraction selector	Push the selector downwards to extend the stabilizers : Stabilisers extended and LED lit (continuously: stabilizers extended and set against the ground; fast flashing: stabilizers extended but not yet set; slow flashing: stabilizers fully extended but not set) Push the selector upwards to raise the stabilizers : Stabilizer retraction and corresponding LED off when lowering

4 - Performance Specifications

4.1 - TECHNICAL CHARACTERISTICS

Use the table to select the right Haulotte machine for the job.

Do not replace parts that are essential to the stability of the machine, such as batteries or tyres, with parts that have a different weight or different specifications. The stability of the machine could be affected.

CE, UKCA, AS, EAC, CSA and ANSI A92.20 standards

Machine	COMPACT 10DX		COMPACT 2668RT	
Characteristics - Dimensions	**SI**	**Imp.**	**SI**	**Imp.**
Maximum working height	10,28 m	33 ft 9 in	10,28 m	33 ft 9 in
Maximum platform height	8,28 m	27 ft 2 in	8,28 m	27 ft 2 in
Maximum horizontal reach	0,91 m	3 ft 0 in	0,91 m	3 ft 0 in
Total weight	3 350 kg	7,385 lbs	3 350 kg	7,385 lbs
Maximum platform capacity	565 kg	1,246 lbs	565 kg	1,246 lbs
Capacity when extended	150 kg	330 lbs	150 kg	330 lbs
Maximum number of occupants	3			
Maximum person on extension (refer to the capacity on extension recommended)	1			
Maximum wind speed	45 km/h (12,5 m/s)	28 mph (41 ft/s)	45 km/h (12,5 m/s)	28 mph (41 ft/s)
Manual force	400 N - 90 lbf			
Gradeability - 4WD	40%			
Gradeability - 2WD	25%			
Maximum rated slope allowed	3°			
Maximum load on wheel	2760 daN	6086 lbs	2760 daN	6086 lbs
Maximum ground pressure of wheel on paved ground	8,42 daN/cm²	1,75 lb/ft²	8,42 daN/cm²	1,75 lb/ft²
Drive speed (2WS) : • Micro-speed • Slow speed • Medium speed • High speed	 • 0,6 km/h • 1,6 km/h • 3 km/h • 5,5 km/h	 • 0.4 mph • 1 mph • 1.9 mph • 3.4 mph	 • 0,6 km/h • 1,6 km/h • 3 km/h • 5,5 km/h	 • 0.4 mph • 1 mph • 1.9 mph • 3.4 mph
Maximum freewheel speed during towed operation	1,6 km/h	1 mph	1,6 km/h	1 mph
Engine - Dual Fuel (Petrol / Propane Gas)				
Engine type	Kubota DF 972 E - 1 - 4			
Engine power	24,2 kW - 32.4 hp			
CO emission				
HC + NO emission				
Avfuelconsumption[1]				
Fuel type	Petrol/Propane Gas (liquified)			
Engine - Tier IV / Stage V / China IV				
Engine type	Kubota D1105			
Engine power	18,5 kW - 24.8 hp			
CO emission	1,14 g/kWh			
HC + NO emission	5,065 g/kWh			
Particles emission	0,311 g/kWh			
Av fuel consumption[2]	2,5 l/h - 0.66 gal/h			
Fuel type	Diesel			

1. Estimated consumption
2. Estimated consumption

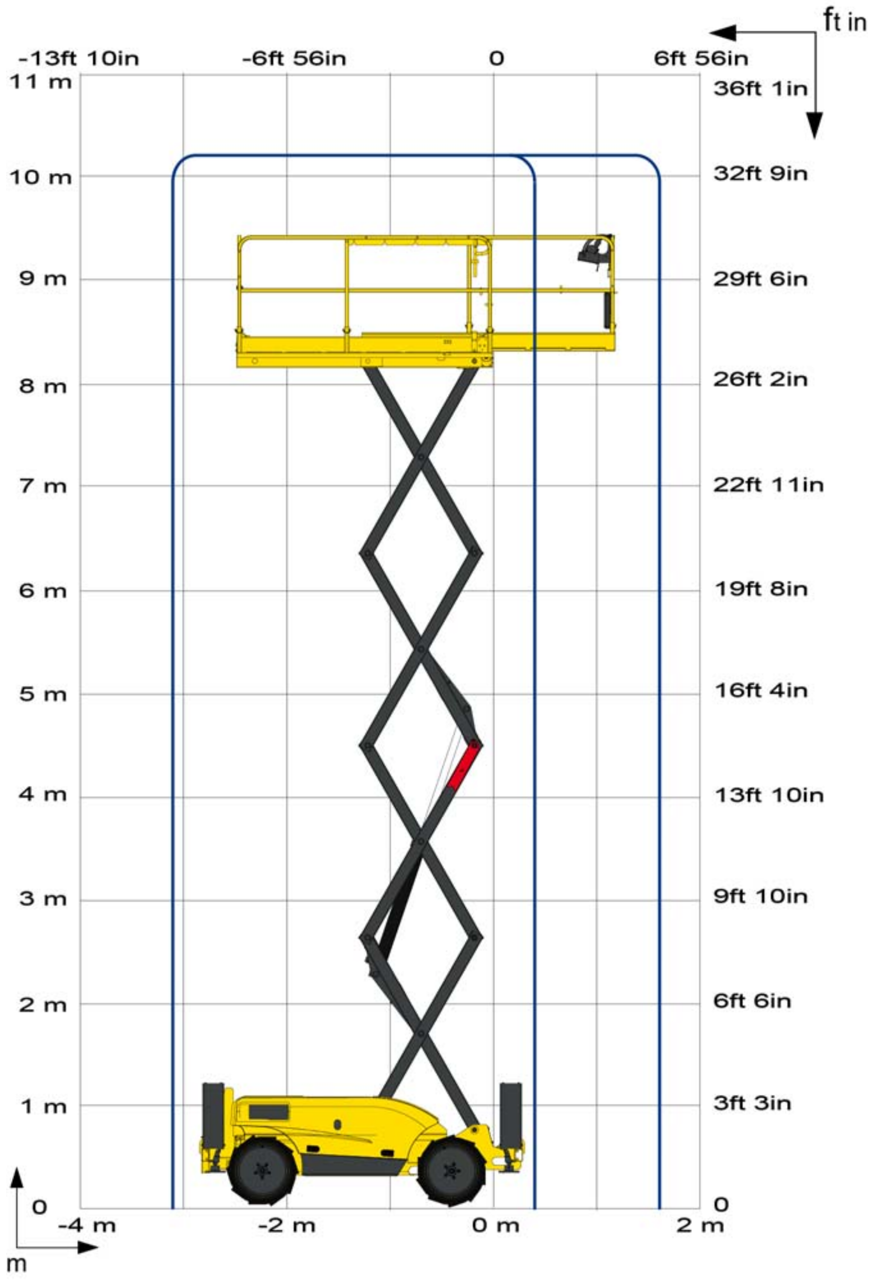
CE, AS, EAC, CSA and ANSI A92.20 standards

Machine	COMPACT 12DX		COMPACT 3368RT	
Characteristics - Dimensions	**SI**	**Imp.**	**SI**	**Imp.**
Maximum working height	12,05 m	39 ft 6 in	12,05 m	39 ft 6 in
Maximum platform height	10 m	33,80 ft	10 m	33,80 ft
Maximum horizontal reach	0,91 m	3 ft 0 in	0,91 m	3 ft 0 in
Total weight	3 965 kg	8,740 lbs	3 965 kg	8,740 lbs
Maximum platform capacity	450 kg	1000 lbs	450 kg	1000 lbs
Capacity when extended	150 kg	330 lbs	150 kg	330 lbs
Maximum number of occupants	3			
Maximum person on extension (refer to the capacity on extension recommended)	1			
Maximum wind speed	45 km/h (12,5 m/s)	28 mph (41 ft/s)	45 km/h (12,5 m/s)	28 mph (41 ft/s)
Manual force	400 N - 90 lbf			
Gradeability - 4WD	40%			
Gradeability - 2WD	25%			
Maximum rated slope allowed	3°			
Maximum load on wheel	3030 daN	6681 lbs	3030 daN	6681 lbs
Maximum ground pressure of wheel on paved ground	6,1 daN/cm²	1,26 lb/ft²	6,1 daN/cm²	1,26 lb/ft²
Drive speed (2WS) : • Micro-speed • Slow speed • Medium speed • High speed	 • 0,6 km/h • 1,6 km/h • 3 km/h • 5,5 km/h	 • 0.4 mph • 1 mph • 1.9 mph • 3.4 mph	 • 0,6 km/h • 1,6 km/h • 3 km/h • 5,5 km/h	 • 0.4 mph • 1 mph • 1.9 mph • 3.4 mph
Maximum freewheel speed during towed operation	1,6 km/h	1 mph	1,6 km/h	1 mph
Engine - Dual Fuel (Petrol / Propane Gas)				
Engine type	Kubota DF 972 E - 1 - 4			
Engine power	24,2 kW - 32.4 hp			
CO emission				
HC + NO emission				
Av fuel consumption[1]				
Fuel type	Petrol/Propane Gas (liquified)			
Engine - Tier IV / Stage V / China IV				
Engine type	Kubota D1105			
Engine power	18,5 kW - 24.8 hp			
CO emission	1,14 g/kWh			
HC + NO emission	5,065 g/kWh			
Particles emission	0,311 g/kWh			
Av fuel consumption[2]	2,5 l/h - 0.66 gal/h			
Fuel type	Diesel			

1. Estimated consumption
2. Estimated consumption

4.2 - WORKING AREA / RANGE OF MOTION

Compact 10DX - Compact 2668RT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19ft 8in
16ft 4in
13ft 10in
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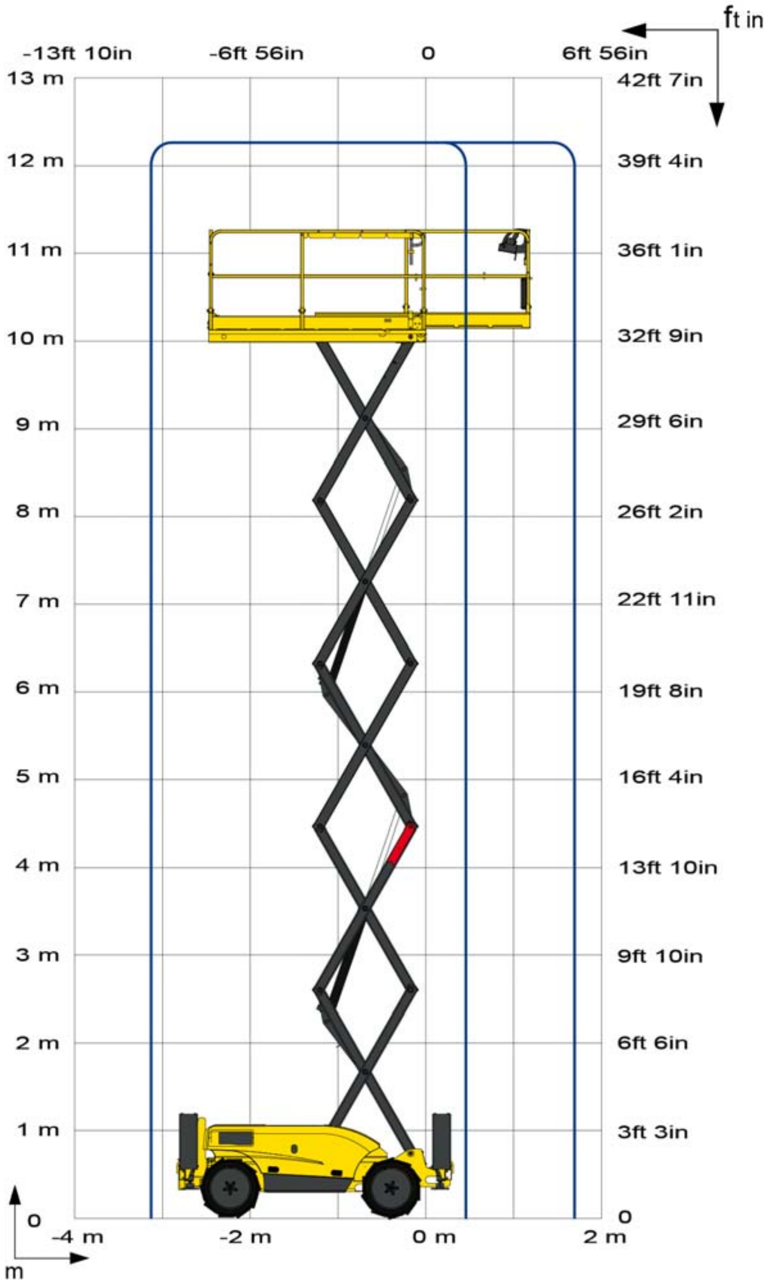
Compact 12DX - Compact 3368RT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13ft 10in
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6ft 6in
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3ft 3in
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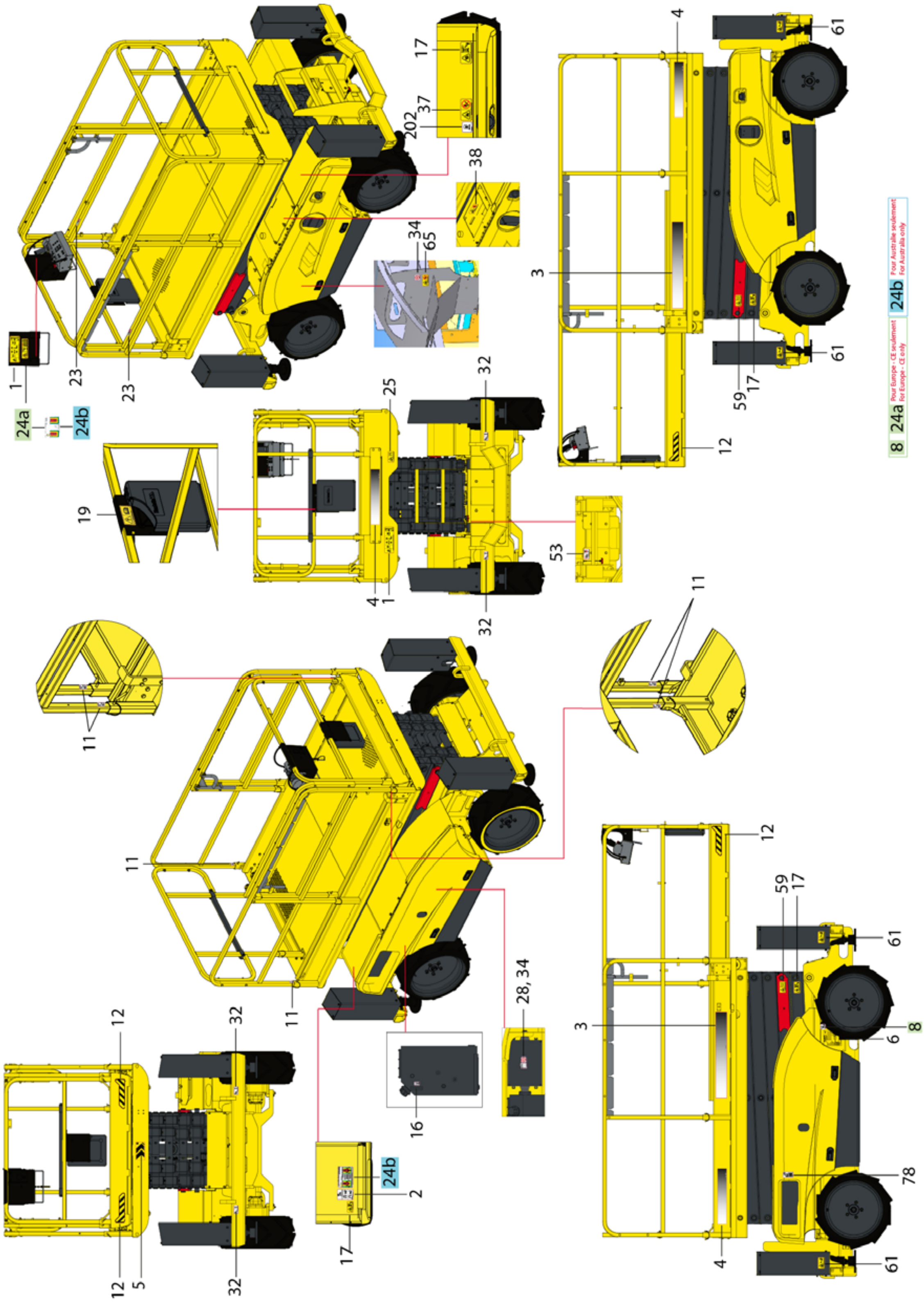
Notes

5 - Decals and markings locations

CE, UKCA, AS and EAC standards - 4000476720 E - Compact DX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24a
Pour Europe - CE seulement
For Europe - CE only
24b
Pour Australie seulement
For Australia only
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24b
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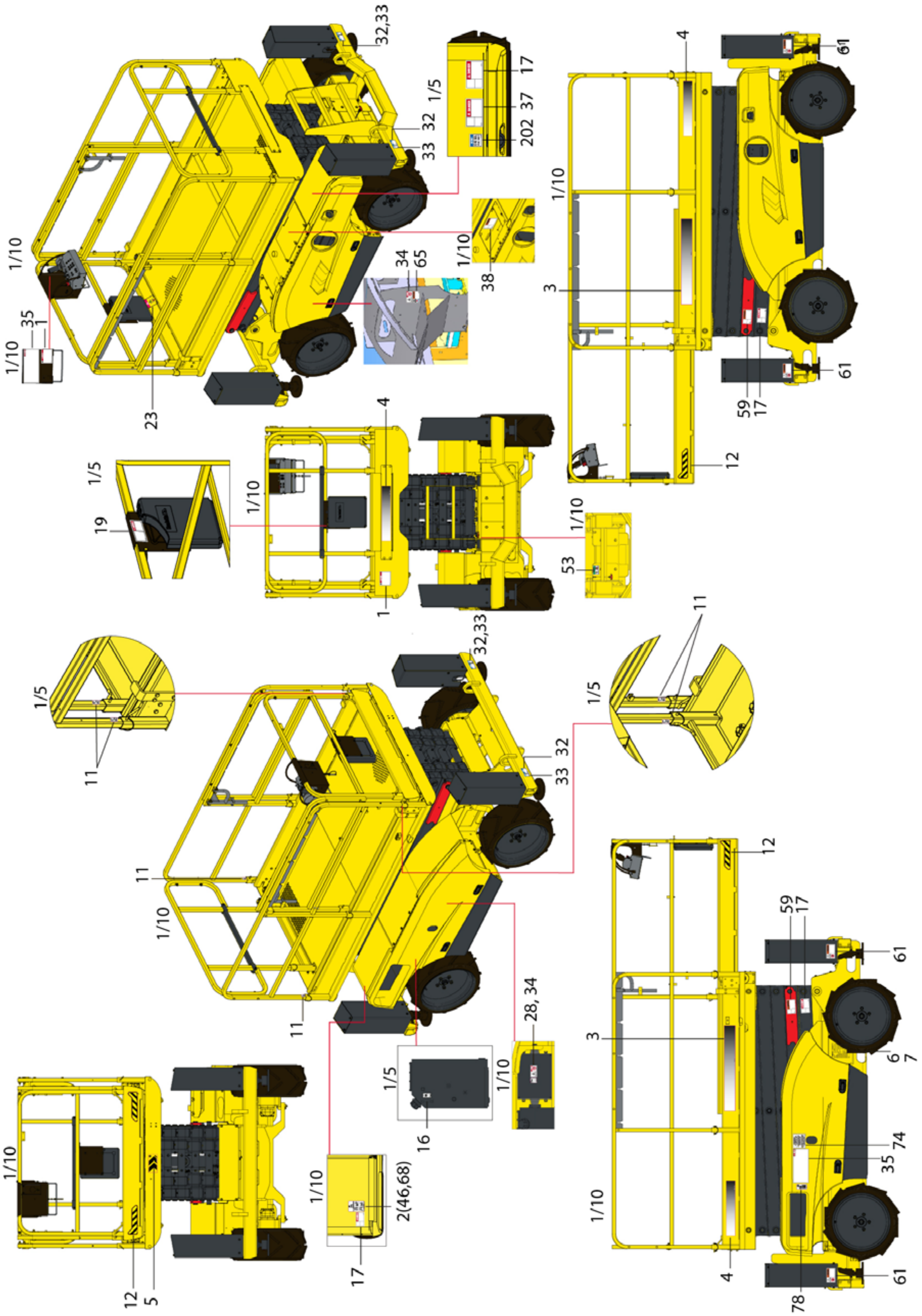
61

CE, UKCA, AS and EAC standards - 4000476710 F - Compact DX

Marking	Description	Quantity	Compact 10 DX	Compact 12 DX
1	Height of the floor and load	2	4001124940	4001124950
2	Transport height - Maximum Pressure per Tire - Floor Loading - Maximum effort on the stabilizers	1	4001124960	4001124970
3	Commercial name - Bright machine	2	4001124990	4001125000
3	Commercial name - Dark machine	2	4001125010	4001125020
4	Decal HAULOTTE® - 495 x 80 - Bright machine	3	4001072210	
4	Decal HAULOTTE® - 495 x 80 - Dark machine	3	4001072220	
5	Decal HAULOTTE® - 165 x 80 - Bright machine	1	4001072250	
5	Decal HAULOTTE® - 165 x 80 - Dark machine	1	4001072260	
6	Identification plate	1	For CE and AS standards only : 4000700160 UKCA standard only : 4001188820	
8	Noise emission level	1	For CE, UKCA and EAC standards only : 4001124980	
11	Lanyard attachment points	6	4001052020	
12	Material risk - Yellow and black adhesive tape	4	4001052030	
16	Max and min oil level	1	4001052050	
17	Risk of crushing	4	4001052070	
19	Operation instructions	1	4001052090	
23	Risk of crushing - Driving direction	2	4001052100	
24a	Danger of electrocution	1	For CE, UKCA and EAC standards only : 4001052120	
24b	Danger of electrocution	2	For AS standard only : 4001052140	
25	Risk of crushing - Closing drop rail	1	4001052150	
28	Do not interchange - Software version	1	4000504670	
32	Anchorage point - Traction	4	4001052180	
34	Water projection - No high-pressure washing	2	4001052200	
37	Explosion hazard	1	4001052270	
38	Hand crushing hazard - Heat burns	1	4001075820	
53	Emergency lowering - T-handle	1	4001073540	
59	Scissors safety	2	4001052240	
61	Risk of crushed feet	4	4001052260	
65	Fire Hazard	1	4001052270	
78	QR Code (☞ https://www.e.technical-information.com)	1	4001089310	
202	Diesel Fuel Only	1	4001076200	

B- Familiarization

ANSI and CSA standards - 4000476760 F - Compact RT


32,33
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12
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19
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32,33
11
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28, 34
1/5
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74
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4
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78
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2(46,68)
17
12
5

ANSI and CSA standards - 4000476710 G - Compact RT

Marking	Description	Quantity	Compact 2668 RT	Compact 3368 RT
1	Height of the floor and load	2	4000761750	4000761760
2	Transport height - Maximum Pressure per Tire - Floor Loading - Maximum effort on the stabilizers	1	4001124960	4001124970
3	Commercial name - Bright machine	2	3078148490	4001125000
4	Decal HAULOTTE® - 495 x 80 - Bright machine	3	4001072210	
4	Decal HAULOTTE® - 495 x 80 - Dark machine	3	4001072220	
5	Decal HAULOTTE® - 165 x 80 - Bright machine	1	4001072250	
5	Decal HAULOTTE® - 165 x 80 - Dark machine	1	4001072260	
6	Identification plate	1	4000700170	
11	Lanyard attachment points	6	307P216290	
12	Material risk - Yellow and black adhesive tape	4	4001052030	
16	Max and min oil level	1	307P221060	
17	Risk of crushing	4	In english : 4000130190 In french : 4000130200 In spanish : 4000130210	
19	Operation instructions	1	4000025140	
23	Risk of crushing - Driving direction	1	3078145100	
28	Do not interchange - Software version	1	4000504670	
32	Anchorage point - Traction	4	4000027310	
33	Anchorage point - Elevation	4	4000027330	
34	Water projection - No high-pressure washing	2	4001052200	
35	Repairs operation	2	In english : 4000243670 In french : 4000243680 In spanish : 4000243690	
37	Explosion hazard	1	In english : 4000025010 In french : 4000068130 In spanish : 4000086560	
38	Hand crushing hazard - Heat burns	1	In english : 4000025040 In french : 4000068110 In spanish : 4000086540	
53	Emergency lowering - T-handle	1	4000227200	
59	Scissors safety	2	In english : 4000024850 In french : 4000068070 In spanish : 4000086500	
61	Risk of crushed feet	4	In english : 4000024780 In french : 4000067700 In spanish : 4000086480	
65	Fire Hazard	1	In english : 4000025030 In french : 4000068120 In spanish : 4000086550	
74	California warning - P65	1	4001026850	
78	QR Code (https://www.e.technical-information.com)	1	4001089310	
202	Diesel Fuel Only - California warning	1	4000201430	

Notes

C- Pre-operation inspection

1 - Recommendations

The owner, the site manager, the supervisor and the operator are all responsible to ensure the machine is fit for the work it is to perform; i.e. that the machine is suitable to carry out the work in complete safety and in compliance with this Operator's Manual. All managers who are responsible for persons operating the machine must be familiar with the local regulations currently applicable in the country of use and ensure that they are adhered to.

Before using the machine, read the previous chapters in this manual. Ensure that you have understood the following points :

- Safety precautions.
- Operator's responsibilities.
- Conditions and the operating principles of the machine.

2 - Working area assessment

Before carrying out any operations, ensure that the machine corresponds to the work to be done and the working environment :

- Carry out a thorough inspection of the site to identify any potential risks within the work zone.
- Take the necessary precautions to avoid collisions with other machinery within the work zone.

Ensure that :

- The weather conditions (wind, rain, etc.) allowing the machine to be used.
- The ground withstands the weight of the machine and has not been affected by the poor weather conditions.

- Check that the authorisations to work with the machine on the site in question have been obtained (.g. chemical product factories).
- Define a rescue plan for all the risks, including the risk of falls and crushing.

3 - Inspection and Functional test

3.1 - DAILY INSPECTION

Each day before the beginning of a new work session and with each change of operator, the machine must be subjected to a visual inspection and a complete functional test.

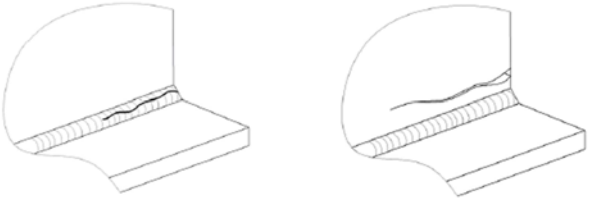
- **Never use a defective or a malfunctioning aerial work platform.**
- **If any item on the check list is marked "No" during the inspection; machine must be tagged and placed out of service.**
- **Do not operate the machine until all identified items are corrected and it has been declared safe for operation.**

In case of loose fasteners, refer to torque table value in maintenance book.

In case of leaks, replace the damaged part before use.

In case of structural part deformation (cracks, broken weld, paint chips) replace the part before use.

Sample of broken welds



We recommend these forms to be completed daily and stored to assist with your maintenance schedule.

Each action is depicted in the daily inspection sheet using the following symbols.

Use the detailed program below.

	Oil change		Lubrication-Lubrication		Tightening
	Levelling		Systematic replacement		Functional adjustments / Checks / Cleaning
	Visual inspection		To check by test		

Serial number : Hours of operation : HAULOTTE Services® contract reference : Intervention record number : Date : Name :	Model : Signature :

C- Pre-operation inspection

A
B
C
D
E
F
G
H
I

Haulotte	**Page or associated procedure**	**Daily**	**OK**	**NOK**	**Corrected**	**Comments**
Chassis assembly : Wheel, reducer, steering, wheel pivot						
Check state of tires/tyres and inflations		👁				
Clean the pads slide		🧽				
Thermal engines						
Check engine fuel level (Top up the oil if necessary)		🛢				
Check engine oil level (Top up the oil if necessary)		🛢				
No leaks from engine components (engine, hoses, radiator)		👁				
Check the condition of the battery		👁				
Check the cooling circuit level (Top up the oil if necessary)		🛢				
Hydraulic : oils, filters and hoses						
Check the hydraulic oil level (Top up the oil if necessary ; Machine stowed)		🛢				
Check the clogging indicator on the hydraulic pressure filter (change if clogged)		👁				
Check the hoses, blocks and pumps, fittings, cylinders and the tank for the absence of leaks, deformations and damage		👁				
Platform						
Ensure that the gate or sliding bar shall be designed to either return automatically to the closed and latched position		✋				
Check that the harness anchor points are not cracked or damaged		👁				
Clean the platform extension		🧽				
Check the quick ties and the good location of the guardrail		✋				

Haulotte	Page or associated procedure	Daily	OK	NOK	Corrected	Comments
General						
Check for the presence, cleanliness and readability of the manufacturer's plates, security labels, user manual and maintenance manual		👁				
Check the cleanliness and readability of the control box		👁				
Test the opening and closure of covers (chassis, turntable, upper control box)		✋				
Check the condition of electrical harnesses, cables and connectors		👁				
Check for the absence of abnormal noise and jerky movements		👁				
Check for the absence of visible deterioration and damage		👁				
Check for the absence of cracks, broken welds and chipped paintwork on the structure		👁				
Check for the absence of missing or loose screws and bolts		👁				
Check for the absence of deformation, cracking and breakage of axis stops, bushing and axes		👁				
Check for the absence of foreign bodies in joints and sliding parts		👁				
Safety devices						
Test the operation of the upper and lower control boxes: manipulators, switches, buttons, horn, emergency stops, screens and lights		✋				
Check the absence of visual and audible alarms		👁				
Test the operation of the tilt system		✋				
Test the operation of the emergency lowering system		✋				
Test the operation of the load control system - Calibrate if necessary		✋				

4 - Safety functional checks

To protect the user and the machine, safety systems prevent the movement of the machine beyond its operating limits. These safety systems when activated immobilize the machine and prevent further movement.

The operator must be familiar with this technology and understand that is not a malfunction but an indication that the machine has reached an operation limit.

Aerial Work platforms are equipped with two control boxes which allow operators to safely use the machine. in order to rescue people from the platform, an rescue device (emergency handle (C52)) is available if the main power source fails. Each control box is equipped with an E-Stop button, which cuts all movements when pushed in.

The following checks describe the operation of the machine and the specific controls required.

For the location and description of these controls : ☞ refer to section B 3.3 and D 2 - Ground control box and B 3.4 and D 3 - Platform control box.

4.1 - E-STOP BUTTON CHECK

Ground control box E-stop button

Step	Action
1	Pull both E-Stop buttons (15) at ground box and (46) at platform box.
2	Turn the key of the control box activation switch (72) to the right to energize the ground control box. The indicators light up.
3	Push the E-stop button (15). The battery charge (4) and engine oil pressure (2) indicators remain lit.

Platform control box E-stop button

Step	Action
1	Pull both E-Stop buttons (15) at ground box and (46) at platform box.
2	Turn the key on the control box activation selector switch (72) to the left to energize the platform control box. The indicators light up.
3	Push the E-stop button (46). The power on indicator (31) remains lit. The engine start-up (61) and horn (62) functions are disabled.

N.B.-:-AN AUDIBLE SIGNAL SIGNAL REPEATED 1 OR 2 TIMES EVERY 20-30 SECONDS INTERMITTENTLY WHEN THE MACHINE IS IN TRANSPORT POSITION INDICATES THAT AN EMERGENCY STOP BUTTON HAS BEEN PUSHED IN, THE MACHINE IS STOPPED BUT THE POWER IS STILL SWITCHED ON. TO SWITCH OFF THE POWER TO THE MACHINE, TURN THE CONSOLE ACTIVATION SELECTOR KEY (72) ON THE LOWER CONSOLE IN THE CENTRE TO NEUTRAL POSITION.

4.2 - ACTIVATION OF CONTROLS

The enable foot pedal (enable switch) must be activated to allow any movement.

The "Enable Switch" system depends on the machine configuration and will consist of one of the following :

- Trigger on platform control joystick.
- Foot pedal (enable switch) in the platform (If equipped).
- Enable switch at ground box.

4.3 - FAULT DETECTOR

N.B.-:-THE PRESENCE OF THIS DEVICE DEPENDS ON THE MACHINE CONFIGURATION.

The fault indicator LED flashes to indicate a malfunction.

The machine switches to downgraded mode.

Certain movements can be limited or forbidden to preserve the operator's safety.

4.3.1 - Buzzers test

From the ground control box

Step	Action
1	Pull both E-Stop buttons (15) at ground box and (46) at platform box.
2	Select the upper console (72).
3	The indicator (31) at the platform control box lights up, and there is an audible signal (beep).

4.4 - AUTOMATIC ENGINE CUT-OUT

The engine automatically cuts out in the following conditions :

- The alternator is not functioning.
- Engine temperature is too high.
- Oil pressure is too low.
- The E-stop(s) is (are) pushed in.

4.5 - OVERLOAD SENSING SYSTEM

If the platform load exceeds the maximum allowed load, no movement is possible from the 2 control boxes.

At ground and platform control boxes a buzzer sounds and an indicator light warns the operator.

To return the machine to normal operation remove weight from the platform until the load is below the maximum allowed load.

Daily check that the LED's illuminate when the machine is switched on :

- Verify that the Overload system is active : Refer to Indicators (6) at ground and (30) at platform.
- Verify that the buzzers are functioning : Refer to Buzzers test

A periodic inspection of this device must be performed according to the recommendation in Maintenance Schedule.

4.6 - SLOPE WARNING DEVICE

From each control box, a buzzer alerts the operator that the machine is not folded/stowed and is positioned on a slope exceeding the slope allowed.

N.B.-:-THE SLOPE SENSOR IS ONLY ACTIVE WHEN THE PLATFORM IS NOT IN THE STOWED POSITION.

When machine is on a slope greater than the rated slope, with extending structure out of the stowed position :

- The DRIVE and LIFTING (RAISING) commands are deactivated.

The lowering speeds are reduced.

In this case, fully lower the platform and reposition the machine on level ground before raising the platform again.

To check the tilt sensor at ground level, perform the following steps :

Daily check

Step	Action
1	Pull the E-stop push-buttons on the platform and ground control boxes (15, 46).
2	Switch on the machine from the ground control box (72).
3	Locate the tilt sensor next to the ground control box.
4	Manually tilt and maintain the tilt sensor towards the front for a few seconds (☞ Section B 3.1 - Layout).
5	The audible beep sounds.
6	For machines fitted with : The slope sensor prevents lifting and driving movements.

C- Pre-operation inspection

4.7 - TRAVEL SPEED LIMITATION

The machine has a selector of 3 driving speeds - low, medium and high.

All driving speeds are enabled when the machine is not elevated.

The maximum travelling speeds are reduced when the following lifting height is reached :

Machine	Transport configuration limit height	
	Mètre	Feet
COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT	2,50 - 2,70	8 ft 2 in - 8 ft 10 in

Above these values, only micro-speed is authorized :

- Driving is only possible if machine outriggers is raised.
- Driving is cut off if the tilt exceeds the authorized limit.
- For COMPACT 12DX - COMPACT 3368RT only : As soon as the base reaches 8 m(26 ft3 in) from the ground, driving movements are cut off.

For EAC standard only :

- All driving speeds are authorised when the machine is folded, (machine in transport position).
- Driving is cut off if the tilt exceeds the authorized limit.

4.8 - PLATFORM LIFTING

For EAC standard only :

Platform lifting is only authorized if the 4 stabilizers are braced against the ground.

4.9 - ANTI-CRUSH SYSTEM WHEN LOWERING

A device alerts people on the ground of a risk of crushing :

- CE and EAC standards : Descent is stopped for at least 3 s at the transport configuration limit height and lowered position when descent is activated from the platform control box.
- Other standards : Descent is slowed (with an audible alarm) when descent is activated from the platform and ground control boxes.

D- Operation instructions

1 - Operation

1.1 - INTRODUCTION

Only trained and authorized personnel shall be permitted to operate this aerial work platform.

Prior to operation :
- Read, understand and obey all instructions and safety precautions in this manual and attached to the aerial work platform.
- Read, understand and obey all local regulations.
- Become familiar with the proper use of all controls and emergency systems.

1.2 - OPERATION FROM THE GROUND CONTROL BOX

- Turning "ON" and "OFF" of the machine is performed with selector key switch (72).
- Activation of a desired control box is achieved by turning the control box energizing selector switch (72) to the desired position.
- The ground control box is energized and is active ONLY when :
  - The E-stop buttons on both ground and platform control boxes are not pressed in.
  - The machine is switched on.
  - Ground control box is selected.
- An EMERGENCY STOP button located on each control box stops all movements and shuts off the engine when pressed in.
- An Enable Switch (123) provided must be activated and maintained to authorize one or more function movements. If Enable Switch (123) is kept engaged without selecting a function movement for more than 8 s; Enable Switch is automatically de-activated.
- The release of "Enable switch" (123) while performing a movement stops all the movements. The stop of movements is progressive. If the Enable Switch system is re-pressed, the movement doesn't restart. It could restart only when the selected function switch/joystick is released to neutral position.
- All switches and joystick operating a movement, return automatically to neutral when released.
- Enable Switch
  - Engine running, the switch acts as an Enable Switch only.

D- Operation instructions

- The status of the switches is tested automatically when the machine is switched on, and checked at every starting. A switch will be active only after it has been detected to be in neutral position. The following switches are not controlled :
  - Accelerator: engine rpm
  - Beacon light (if fitted)
- A switch provides the start and stop of the engine.
- Engine speed (If fitted) : This switch increases the engine rpm to the maximum speed.
- A buzzer beeps in the following conditions :
  - When power is switched on.
  - Overload (if fitted).
  - Slope if machine is out of stowed position.
  - Hydraulic oil overheating.
  - Movements option.
  - Driving option.
  - Movement option and driving.
- Indicators / Cluster : All indicators are checked after powering on the machine

1.3 - OPERATION FROM THE PLATFORM CONTROL BOX

- The platform control box can only be used if :
  - The E-stop buttons on both ground and platform control boxes are not pressed in.
  - Machine switched on at ground control box.
  - Platform control box selected from ground control box.
- A faulty joystick is not taken into account to control a movement. If this fault disappears, the movement is authorised again.
- An E-Stop button is present at each control box. When pushed in, it stops all functions movements.
- An Enable switch (123) or Foot Switch in the basket (245) is present and should be activated to authorize one or more function movements. If the Enable Switch is kept active for more than 8 seconds without selecting a function movement, then movement is disallowed. The enable switch must be released (reset) before movement can occur.
- The release of "Enable switch" (123) or Foot pedal switch in the basket (245) while performing a movement stops all the movements. The stop of movements is progressive. It could restart only when the selected function switch/joystick is released to neutral position.
- All switches and joystick operating a movement, return automatically to neutral when released.
- The status of the switches and joysticks is tested automatically when the machine is switched on. A switch or joystick will be active only after it has been detected in neutral position.

A buzzer beeps in the following conditions :

- Overload.
- Machine elevated on a slope greater than the rated slope.
- Indicators - All the indicators are tested
  - When the machine is switched on.

While driving on a slope :

- **Always orientate the machine in the direction of the slope.**
- **Stow the machine completely.**
- **Do not travel down slopes in high speed.**
- **Do not drive fast in narrow or cluttered areas. Keep speed under control while making turns or sharp bends.**

2 - Ground control box

2.1 - TO START AND STOP THE MACHINE

- Ensure that the E-Stop buttons (46) and (15) at the ground and platform control boxes are pulled out.
- Turn the key of the control box activation switch (72) to the right to energize the ground control box.

To shut-down the machine from the ground control box :

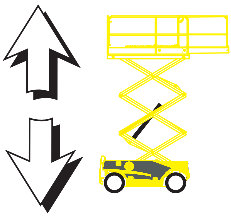
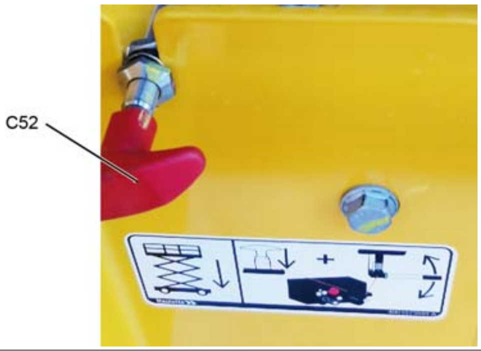
- Turn the control box activation selector (72) key to the center.
- Push in the E-stop button (15).

2.2 - MOVEMENT CONTROL

Even at low movement speeds, use the controls with caution.

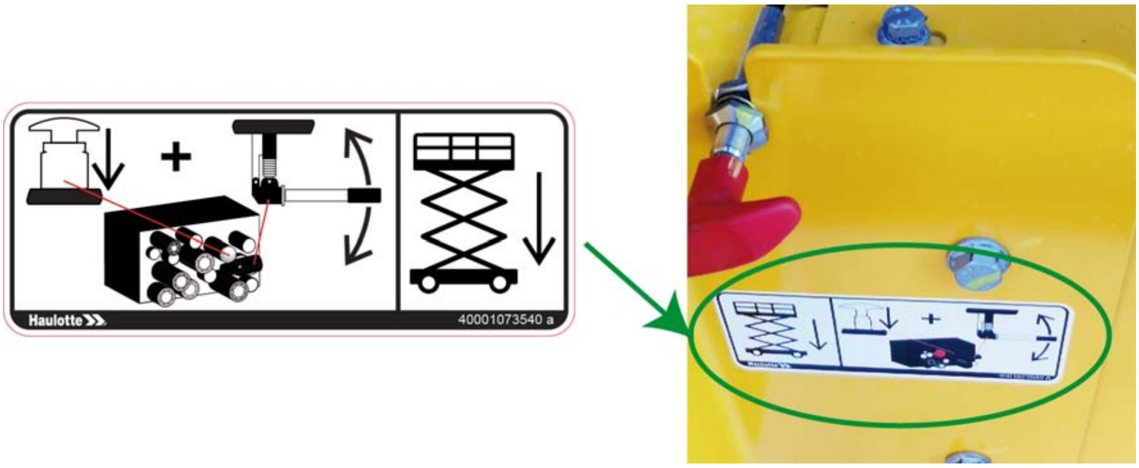
N.B.-:-RELEASING THE ENABLE SWITCH WILL STOP ALL MOVEMENTS.

Ground box controls (emergency station)

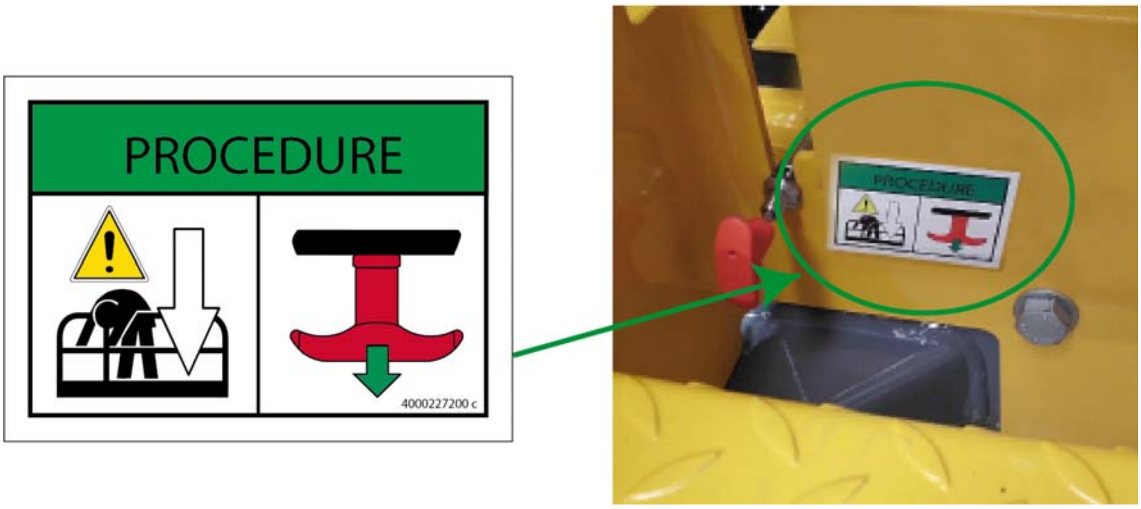
Command		Action
Platform raising / lowering		Push the platform raising / lowering selector (106) upwards to raise the platform.
		Press the platform raising / lowering selector (106) downwards to lower the platform.
Emergency lowering / Emergency platform lowering halted		Pull the T-handle (C52) to lower the platform.
		Release the T-handle (C52) to stop platform lowering.

Once rescue operations are complete, write an incident report.

Pull T-handle for emergency lowering - CE, AS and EAC standards



Pull T-handle for emergency lowering - ANSI and CSA standards



N.B.-:-PULLING ON TO THE T-HANDLE, IMMEDIATELY ACTIVATES THE EMERGENCY LOWERING OF THE PLATFORM.

⚠ **ALWAYS keep personnel and obstructions clear of the aerial work platform that might block the lowering.**

2.3 - ADDITIONAL CONTROLS FROM THE GROUND CONTROL BOX

For the machines equipped with beacon light :

- Push the beacon light selector switch (24) to the right to turn ON the beacon light.
- Push the beacon light selector switch (24) to the left to turn OFF the beacon light.

3 - Platform control box

3.1 - TO START AND STOP THE MACHINE

To start the machine :

At the ground control box :

- The E-stop button on the ground control box must be in ON position (pulled out / activated).
- Turn the key on the control box activation selector switch (72) to the left to energize the platform control box.

At the platform control box :

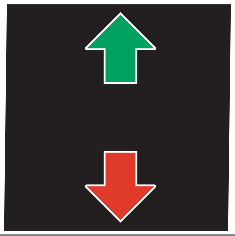
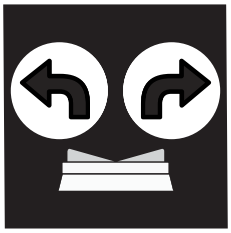
- Pull the E-stop button (46).
- Press the engine starter button (230) to start the machine (Wait until the pre-heating light (51) goes off before starting the engine).

To stop the machine :

- Press the engine OFF button (230).

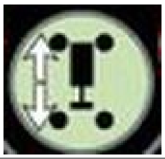
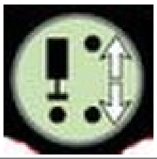
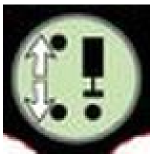
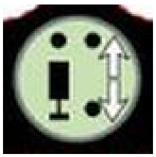
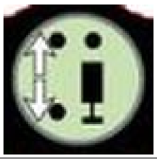
3.2 - DRIVE AND STEER CONTROL

Activate the controls and the Enable Switch simultaneously to perform the various movements. Except for stabilizing movements.

Command		Action
Driving		Move the drive joystick (108) forwards to drive the machine forwards.
		Move the drive joystick (108) backwards to drive in reverse.
Front-axle steering		Push the front-axle steering selector thumb switch (108) to the right to steer to the right.
		Push the front-axle steering selector thumb switch (108) to the left to steer to the left.

N.B.-:-THE RELEASE OF THE SELECTORS AND (OR) JOYSTICKS CAUSES ALL MOVEMENT TO STOP.

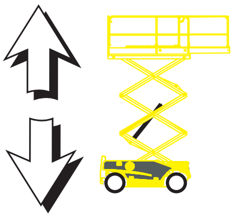
Outriggers controls

Command		Action
Stabilizer extension/ retraction		Push the central stabilizer extension/retraction selector (250) downwards until the machine is stable (LED lit).
		Push the central stabilizer extension/retraction selector (250) upwards until the stabilizers are fully retracted (LED off).
Front left stabilizer extension/retraction		Push the front left stabilizer extension/retraction selector (246) downwards until the stabilizer is braced against the ground (LED lit).
		Push the front left stabilizer extension/retraction selector (246) upwards until the stabilizer is fully retracted (LED off).
Front right stabilizer extension/retraction		Push the front right stabilizer extension/retraction selector (247) downwards until the stabilizer is braced against the ground (LED lit).
		Push the front right stabilizer extension/retraction selector (247) upwards until the stabilizer is fully retracted (LED off).
Rear left stabilizer extension/retraction		Push the rear left stabilizer extension/retraction selector (248) downwards until the stabilizer is braced against the ground (LED lit).
		Push the rear left stabilizer extension/retraction selector (248) upwards until the stabilizer is fully retracted (LED off).
Rear right stabilizer extension/retraction		Push the rear right stabilizer extension/retraction selector (249) downwards until the stabilizer is braced against the ground (LED lit).
		Push the rear right stabilizer extension/retraction selector (249) upwards until the stabilizer is fully retracted (LED off).

N.B.-:-THE RELEASE OF THE SELECTORS AND (OR) JOYSTICKS CAUSES ALL MOVEMENT TO STOP.

D- Operation instructions

3.3 - MOVEMENT CONTROL

Command		Action
Platform raising / lowering		Push the platform raising / lowering selector (95) upwards to raise the platform. Push the movement joystick (108) forwards to raise the platform.
		Press the platform raising / lowering selector (95) downwards to lower the platform. Push the movement joystick (108) backwards to lower the platform.

3.4 - ADDITIONAL CONTROLS

- Horn : Push the horn selector (62) to the right to sound the horn. The horn stops when the selector switch is released.

4 - Rescue and emergency procedures

4.1 - IN CASE OF POWER LOSS

In case of loss of the main power source, lower the basket (or platform) using the T-handle on the chassis.

In an emergency, if the operator has to exit the platform while it is elevated, the transfer of the operator must respect the following recommendations. :

- Exit onto a sturdy and safe structure.
- The occupant(s) must ensure that 2 lanyards are used for security/safety. One must be attached to the designated anchorage point on platform the occupant(s) is in and the other attached to the structure intended to get on.
- Occupant(s) must exit the current platform through the normal access.

N.B.-:-DO NOT DETACH THE LANYARD FROM THE CURRENT PLATFORM IF THE TRANSFER TO THE NEW STRUCTURE POSES ANY DANGER OR UNTIL THE TRANSFER IS SAFELY COMPLETED. DO NOT ATTEMPT TO CLIMB DOWN FROM THE PLATFORM. WAIT FOR ASSISTANCE TO LEAVE THE CRADLE SAFELY.

4.2 - TO RESCUE OPERATOR IN PLATFORM

In a situation where an operator located in the platform needs to be rescued (for example in case of illness, injury or trapped against a structure making the control box inaccessible), the rescue personel at ground level needs to obtain rapid and direct access to operating functions.

Lower the platform using the T-handle on the chassis.

⚠ **Once rescue operations are complete, write an incident report.**

5 - Transportation

5.1 - PUTTING IN TRANSPORT POSITION

During loading, ensure that :

- The loading ramp can support the machine weight.
- The loading ramp is correctly attached to transport vehicle.
- The loading ramp has sufficient grip surface.
- The transport vehicle must be parked on a level surface and must be secured to prevent rolling away while machine is being loaded or unloaded.

To climb the slope, move progressively the drive joystick (108).

If the slope is too steep, use a winch in addition to traction.

Do not place yourself below or too close to the machine during loading.

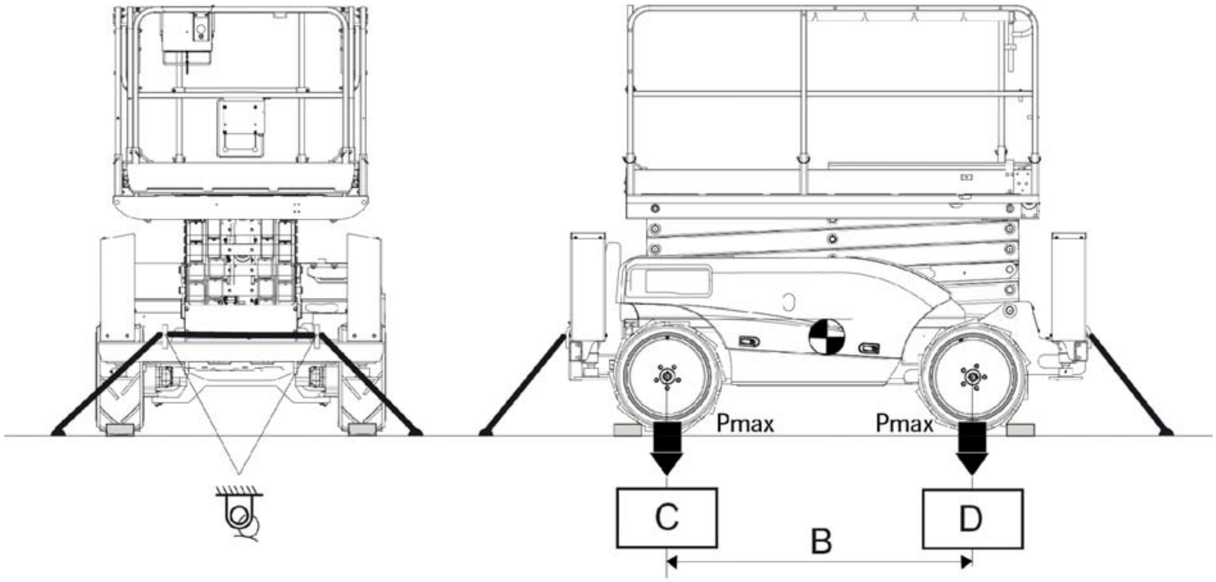
The machine must be completely in the stowed configuration :

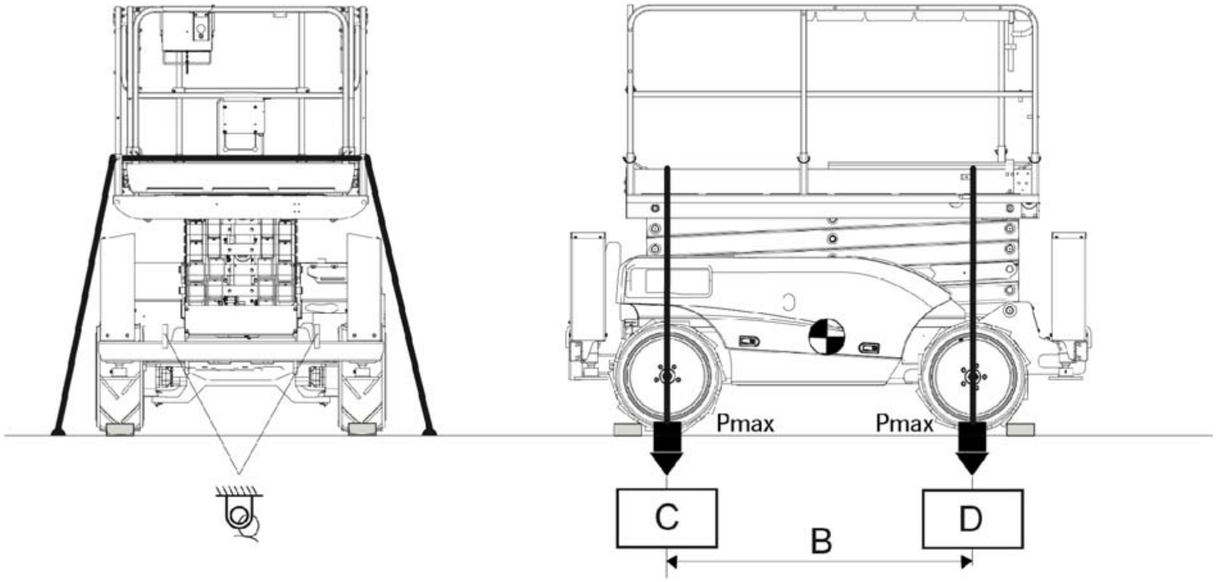
- Check the platform is completely empty.
- Platform extension must be retracted in the locked position.
- Drive the machine onto the truck bed.
- Secure the machine to the tie down points provided (See picture).

⚠ **The manual extension (if fitted) must be retracted and locked during transport or towing.**

5.2 - MACHINE LAYOUT

COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT





Loading characteristics

Marking	Description	COMPACT 10DX - COMPACT 2668RT	COMPACT 12DX - COMPACT 3368RT
B	Lateral distance between the wheels	1.87 m (6ft 1in)	1.87 m (6ft 1in)
C	Front wheel ground pressure	8.42 daN/cm² (1.737 lbf/sq.ft)	6.1 daN/cm² (1.258 lbf/sq.ft)
D	Rear wheel ground pressure	8.42 daN/cm² (1.737 lbf/sq.ft)	6.1 daN/cm² (1.258 lbf/sq.ft)
	Anchorage point		

5.3 - UNLOADING

Before unloading, check that the machine is in good condition.

- Remove the tie downs.
- Pull the E-Stop buttons (15) at ground control box and (46) on the platform control box.
- At ground control box turn control box activation switch (72) to the left to energize platform box.
- On the platform control box, press and hold the activation switch (123) while gently and progressively moving the drive joystick (108).

Warning : Upon starting a machine that has been secured and transported, the safety system may detect a false overload preventing all movement from the platform control box.

To reinstate the system, lift the platform a few centimetres (inches) from the ground control box.

5.4 - TOWING

In the event of a machine breakdown, the machine can be towed a short distance to load it onto a transport vehicle :

- **Ensure that no one is in the platform during towing.**
- **Before towing, ensure that the platform is fully lowered.**
- **The platform must be empty.**
- **ALWAYS keep personnel and obstructions clear of the aerial work platform when brakes are released.**

To tow a broken-down machine, release brake (Refer to ☞ Section D 5.4.1 - Brake release).

Perform this operation on flat ground with wheels chocked.

In the towing configuration, the machine braking system is inactive. Use of a drawbar is recommended :

- Do not exceed the maximum freewheel speed (Refer to ☞ Section B 4.1 - Technical specifications).
- Do not exceed a grade of 25%.

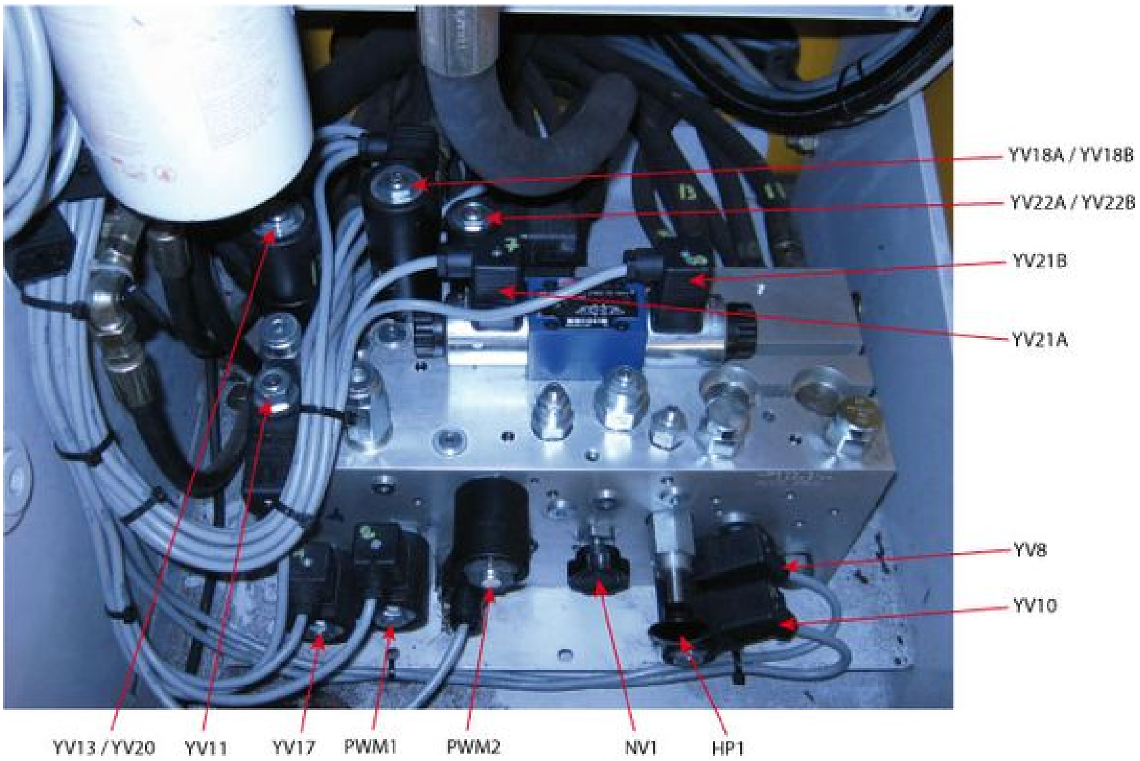
5.4.1 - Brake release

To tow a broken-down machine, perform manual brake release.

Perform these operations on flat, horizontal ground. Failing that, block the wheels to immobilize the machine. When drive hubs are disengaged, the machine is in free wheel mode and the brake system no longer functions.

1. Open the tap (NV1) (Unscrew completely).
2. Push the pump by hand (HP1) until the brake is fully released.
3. Slow towing.

After towing the machine : Close the tap (NV1) (Tighten fully).


YV18A / YV18B
YV22A / YV22B
YV21B
YV21A
YV8
YV10
YV13 / YV20
YV11
YV17
PWM1
PWM2
NV1
HP1

In the towing configuration, the machine is no longer slowed down. Use a drawbar to avoid any risk of accident.

Do not exceed 5 km/h (3,10 mph) .

5.5 - STORAGE

The machine can be stored in a designated area when not in use. If it has been stored for longer than 3 months without use then a periodic inspection must be conducted.

For engine storage condition follow engine supplier operator and maintenance manuals.

It is recommended that the machine is not stored or immobilized unfolded.

Ensure all access panels, doors and side compartment covers are shut and secured.

Turn the energizing key selector switch (72) at the ground control box to the "center" position to shut OFF the power.

Remove the ignition key to prevent unauthorized operation of the machine.

Storing of the machine with an obstacle under the platform structure is forbidden.

To avoid any risk of corrosion on rods of cylinders during a storage period of more than 1 month :

- **In a normal atmospheric environment : perform a complete cycle for the cylinders every 2 months while they are in storage.**
- **In harsh environments (high levels of salinity in the atmosphere: close to the sea, industrial environment with chloride emissions and/or humidity >70%), we recommend applying the following protection process :**
    - Wash and rinse the entire machine with plenty of clean water.
    - Dry all the cylinder rods using an air gun.
    - Apply a solvent-based oil leaving an oily film after evaporation of the solvent directly to all rods left exposed when the machine is in storage position.
    - Re-apply the product every month.

After washing the machine, make sure it is fully air-dry and does not contain moisture on corrosive parts (cylinders rods for example).

Do not wash any electrical components, particularly with high pressure washer. Wipe away dirt from around electrical components with a dry cloth.

5.6 - LOADING AND UNLOADING

To avoid any risk of sliding during loading, ensure that :

- The loading ramp can bear the load.
- The loading ramp is correctly attached.
- The loading ramp has sufficient grip.
- The machine is completely stowed.

To climb the slope, select low driving speed 🐌.

If the slope is too steep, use a winch in addition to traction.

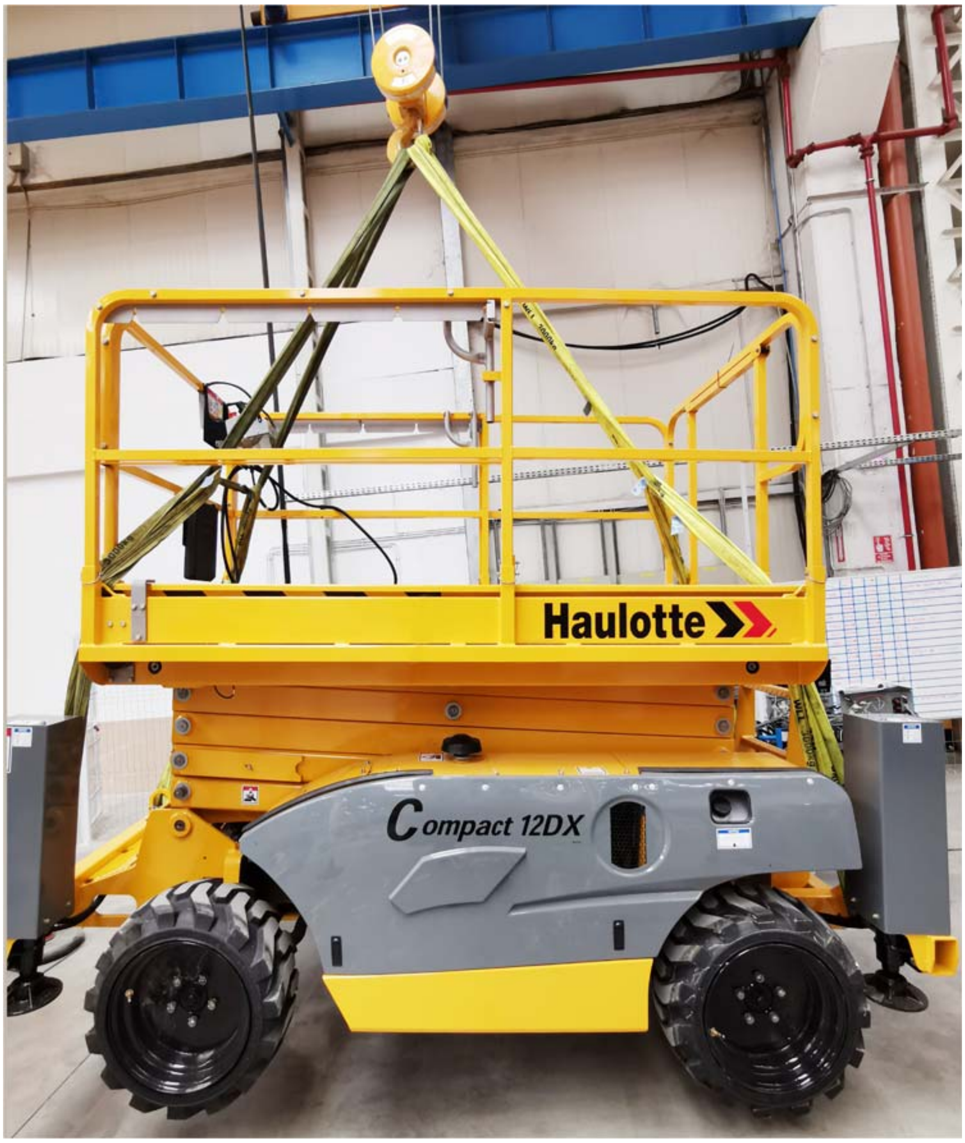
Never place yourself below or too close to the machine during loading.

A wrong move can lead to the tipping over of the machine and cause serious bodily and material accidents.

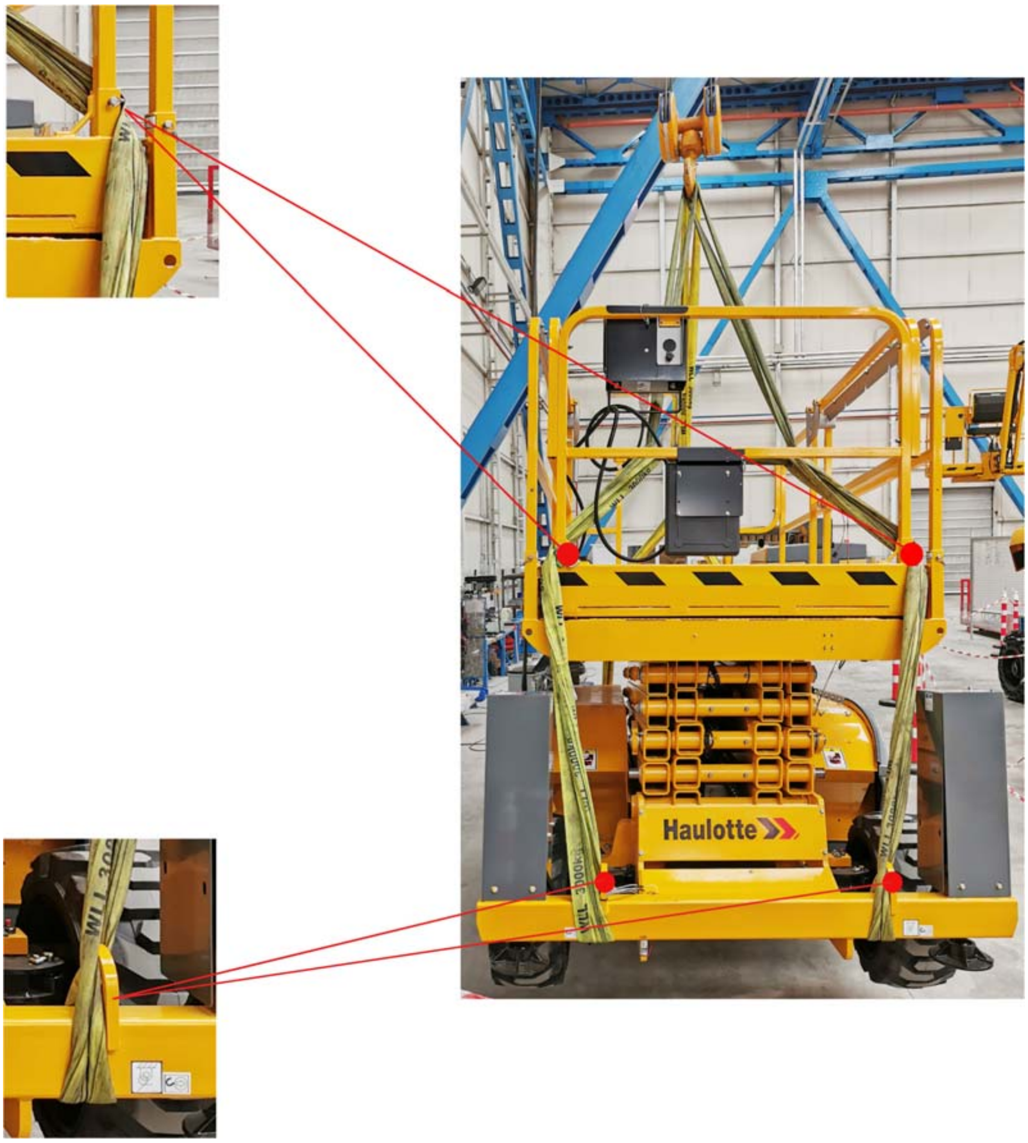
5.6.1 - Lifting operation

Ensure that :
- The machine is completely stowed.
- The platform must be empty.
- The lifting equipment ie. slings, shackles, hooks, lifting beam etc. are in good condition and of sufficient capacity.
- The personnel performing the lift are authorised to safely perform the lift operation.

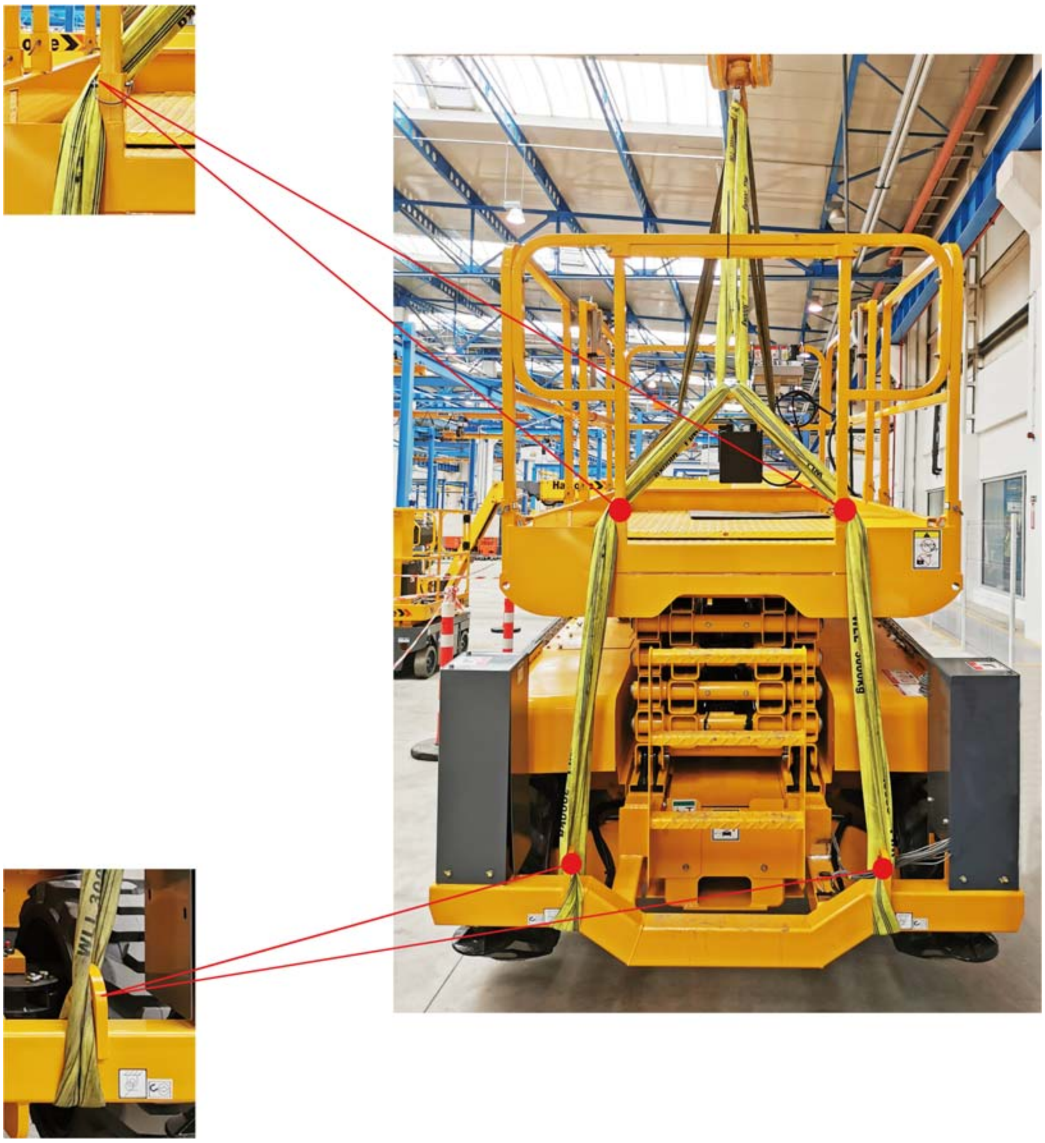
Procedure for the use of slings - COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT



Procedure for the use of slings - COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT - Front view of the machine



Procedure for the use of slings - COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT - Rear view of the machine



Machine	Number of slings	Length	Maximum load per sling and shackle
COMPACT 10DX - COMPACT 2668RT COMPACT 12DX - COMPACT 3368RT	6	4 m(13 ft1 in)	3000 kg(6615 lb)

💡 **The capacity of the lifting device is 5000 kg(11025 lb).**

⚠ **Pay special attention to sharp edged surfaces, which can cut the slings.**

⚠ **Before moving or raising the machine higher than 20 cm above the ground, ensure that it is well balanced.**

6 - Cold Weather Recommendations

In cold weather conditions, allow engine to run for at least 5 min to warm up ; before operating any function thereby preventing any damage to the hydraulic system.

In extreme cold conditions, machines should be equipped with optional cold start kits.

Attempting to start engine when temperature is in the negative range, may require the use of a booster battery.

If engine fails to start, do not crank for an extended time. Allow starter to "cool off" for a few minutes before attempting again. If engine fails after several attempts, refer to the engine maintenance manual.

N.B.-:-INITIAL STARTING SHOULD ALWAYS BE PERFORMED FROM THE GROUND CONTROL BOX.

6.1 - ENGINE OIL

The correct SAE viscosity grade of oil is determined by the minimum ambient temperature during cold engine start-up, and the maximum ambient temperature during engine operation.

Generally, use the highest viscosity oil that is available to meet the requirement for the temperature at start-up.

Engine oil viscosity EMA LGR-1 / MA LGR-1 / API CF, CF-4, CG-4, CH-4 / CI-4 Viscosity grade	Ambient temperature	
	Minimum	Maximum
SAE 0W20	-40°C (-40°F)	10°C (50°F)
SAE 0W30	-40°C (-40°F)	30°C (86°F)
SAE 0W40	-40°C (-40°F)	40°C (104°F)
SAE 5W30	-30°C (-22°F)	30°C (86°F)
SAE 5W40	-30°C (-22°F)	40°C (104°F)
SAE 10W30	-20°C (-4°F)	40°C (104°F)
SAE 15W40	-10°C (14°F)	50°C (122°F)

N.B.-:-FOR ADDITIONAL ENGINE OIL RECOMMENDATIONS, REFER TO THE ENGINE MANUAL PROVIDED WITH THE MACHINE.

6.2 - HYDRAULIC OIL

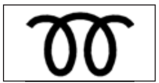
External environmental conditions can reduce performance of the machine if the hydraulic oil temperature does not reach its optimum range.

It is recommended to use the hydraulic oil according to weather condition. Refer to the table below.

Environmental conditions	SAE Viscosity grade
Ambient temperature between - 15°C (5°F) and + 40°C (+ 104°F)	HV 46
Ambient temperature between - 35°C (- 31°F) and + 35°C (+ 95°F)	HV 32
Ambient temperature between 0°C (+ 32°F) and + 45°C (+ 113°F)	HV 68

N.B.-:-IT IS RECOMMENDED TO REPLACE LOW TEMPERATURE OIL AS THE AMBIENT TEMPERATURE REACHES + 15°C (59°F). IT IS NOT ADVISABLE TO MIX OILS OF DIFFERENT BRANDS OR TYPES.

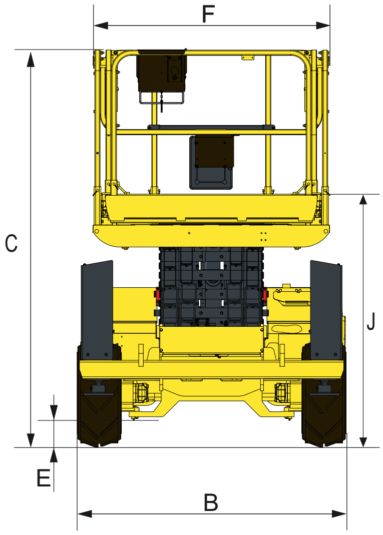
6.3 - PREHEATING OPERATION

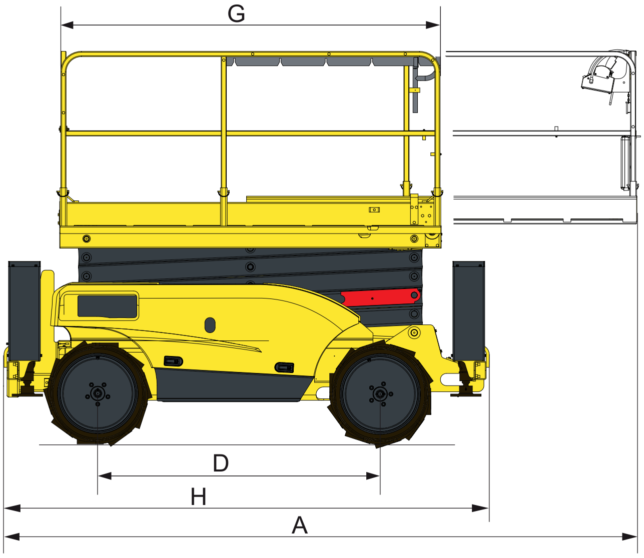
When power is switched ON, the electric pre-heating indicator (1) (at the ground control box) and / or (51)  (on the platform control box) flashes, the motor is in automatic pre-heating. Upon the extinction of this light (just seconds) at the ground display, starting of the machine is possible.

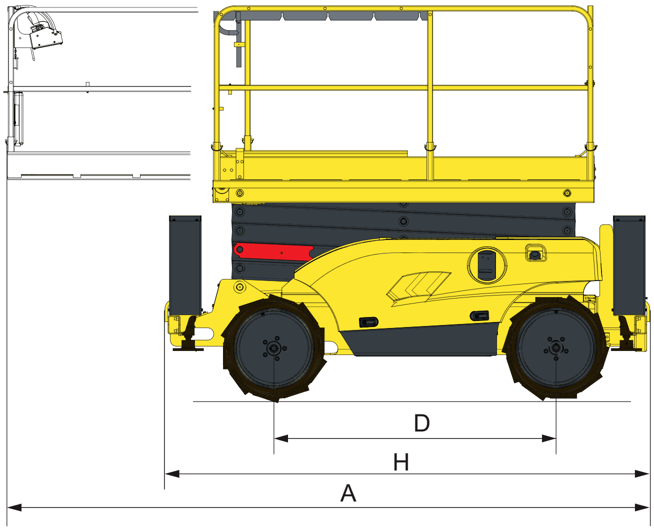
A
B
C
D
E
F
G
H
I

1 - Machine dimensions

Stowed / Transport position : Configuration that takes the minimum floor space necessary for storage and / or delivery of the machine - Access position - COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT







Overall dimension specifications

Marking	COMPACT 10DX - COMPACT 2668RT		COMPACT 12DX - COMPACT 3368RT	
	Mètre	Feet inch	Mètre	Feet inch
A	3.70	12 ft 2 in	3.70	12 ft 2 in
B	1.77	5 ft 10 in	1.77	5 ft 10 in
C	2.43	8 ft 0 in	2.55	8 ft 4 in
D	1,87	6 ft 2 in	1,87	6 ft 2 in
E	0.15	0 ft 6 in	0.15	0 ft 6 in
F x G	2,49 x 1,54	8 ft 2 in x 5 ft 1 in	2.49 x 1.54	8 ft 2 in x 5 ft 1 in
H	3.18	10 ft 5 in	3.18	10 ft 5 in
J	1.57	5 ft 2 in	1.70	5 ft 7 in

E- General Specifications

2 - Major component masses

N.B.-:-MASSES MEASURED WITH EMPTY TANKS.

Specifications	COMPACT 10DX	COMPACT 2668RT
	SI	Imp.
Frame assembly mass	1325 kg	2921 lbs
Engine compartment mass	245 kg	540 lbs
Platform assembly mass	450 kg	992 lbs
Mass of one wheel	67 0/+7 kg	148 0/+15 lbs
Battery mass	19 kg	42 lbs

Specifications	COMPACT 12DX	COMPACT 3368RT
	SI	Imp.
Frame assembly mass	1525 kg	3362 lbs
Engine compartment mass	245 kg	540 lbs
Platform assembly mass	450 kg	992 lbs
Counterweight mass	200 kg	441 lbs
Mass of one wheel	67 0/+7 kg	148 0/+15 lbs
Battery mass	19 kg	42 lbs

3 - Acoustics and vibrations

The acoustics and vibrations specifications are based upon the following conditions :

- The airborne noise emissions at workstation are determined per European Directive 2006/42/CE.
- The guaranteed sound power level LWA (displayed on the product) is determined per European Directive 2000/14/CE.
- The vibrations transmitted by the machinery to the hand/arm system and to the whole body are determined per European Directive 2006/42/CE.

Specifications	
Sound pressure level at workstation	92 dBA
Vibrations hand/arm	Vibration transmitted by this MEWP to the hand-arm does not exceed 2,5 m/s²(98,4 in/s²)
Vibrations whole body	Vibration transmitted by this MEWP to the whole body does not exceed 0,5 m/s²(19,6 in/s²)

E- General Specifications

4 - Wheel/Tire assembly

4.1 - TECHNICAL SPECIFICATIONS

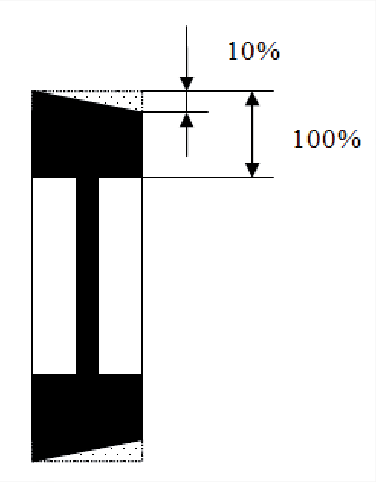
COMPACT 10DX - COMPACT 2668RT – COMPACT 12DX - COMPACT 3368RT

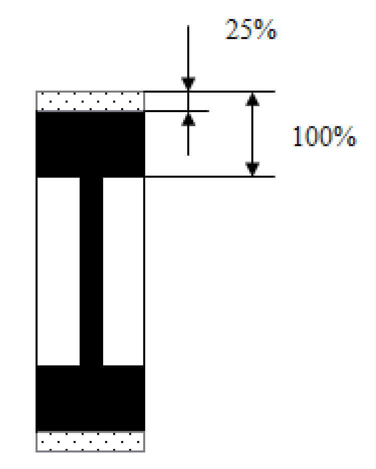
Component	Standard wheel
Reference number	Solideal 26x12x16,5
Type	Notched tires/tyres
Size (Diameter / Width)	663 mm / 283 mm (26 in / 11 in)
Torque	220 Nm (ft lbs)

4.2 - INSPECTION AND MAINTENANCE

Replace the wheels and the tires if any of the following conditions exist :

- Presence of cracks, damage, deformation or other faults on the hub
- Damage to the tire :
- Cut or hole > 3 cm (2 in) in the rubber side wall.
- Blister or pronounced lump on the external and lateral wall.
- Damaged wheel stud.
- Damage or wear on the side wall to the extent that the reinforcing wire is visible.
- Consistent wear of the ground contact surface greater than 25%





Tires and rims are critical components for the stability of the machine. For safety reasons :

- **Use only HAULOTTE® spare parts according to the technical characteristics of the machine. Refer to the spare parts catalog.**
- **Do not replace factory-installed tires with tires of different specifications or ply rating.**

4.2.1 - Procedure of replacement

1. Loosen the wheel nuts on the wheel to be removed.
2. Raise the machine using a jack or a hoist.
3. Remove the wheel nuts.
4. Remove the wheel.
5. Install the new wheel.
6. Tighten the wheel nuts to the recommended torque.
7. Lower the machine to the ground

5 - Options

5.1 - FOLDING GUARDRAILS

5.1.1 - Description

Folding guardrails system is designed to allow guardrails to be lowered to reduce the overall height of the machine.

This system facilitates moving the machine through low height doorways/passages.

5.1.2 - Safety precautions

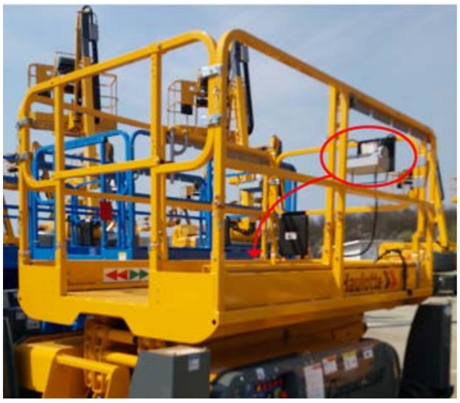
⚠

- **Fully lower the platform to the stowed position.**
- **Take care to avoid trapping the hands while folding the guardrails.**
- **User must wear gloves.**
- **Keep hands clear of pinch points.**
- **Perform the folding of the guardrails from outside of the platform.**

5.1.3 - Fold down operation

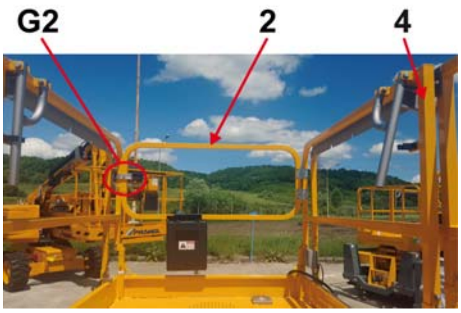
- Extension deck must be fully retracted and in locked position.
- The intermediate sliding entrance bar must be at its lowest position.

Remove platform control box from its designated position and place it on platform floor



Remove the 2 pins (G2) from the platform front guardrails.

Tip the element (2) to the right until it contacts the element (4).

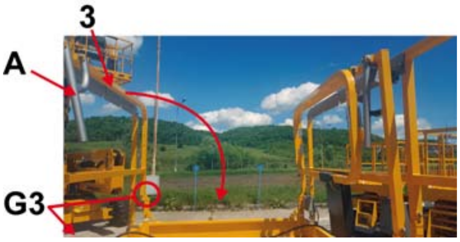


E- General Specifications

Unlock the handle (A).

Remove pin (G3) from the right hand extension guardrail.

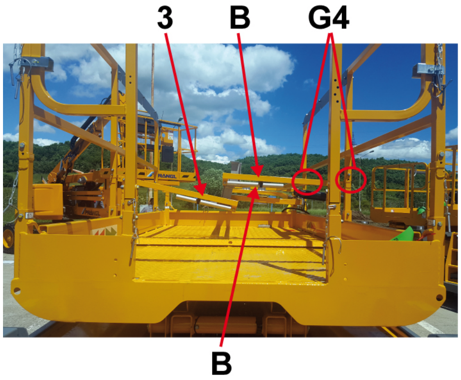
Lift the guardrail and slowly tip it inwards, onto the platform floor.



Unlock the handle (B).

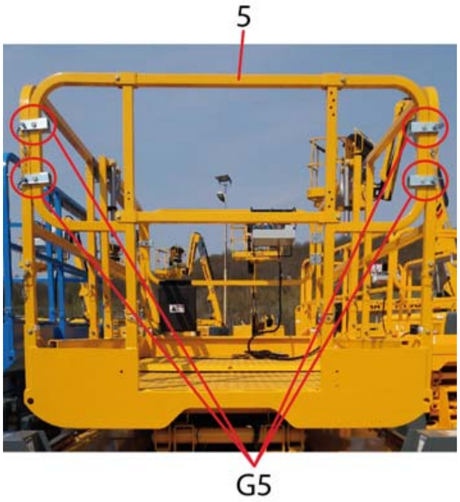
Remove pin (G4) from the left hand extension guardrail.

Lift the guardrail and slowly tip it inwards until it contacts element (3).



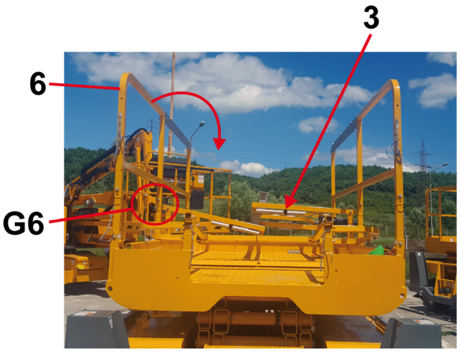
Remove the 4 pins (G5).

Slowly tip the element (5) inwards, onto the platform floor.



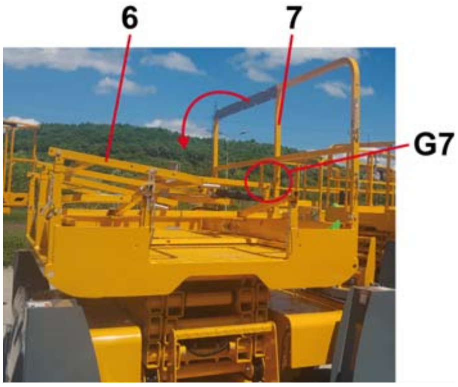
Remove the pin (G6).

Lift and tip right hand main railing inwards until it contacts the element (3).



Remove the pin (G7).

Lift and tip left hand main railing inwards until it contacts the element (6).



5.1.4 - Raising guardrails to working position

To raise the folded guardrails to the vertical working position :

- Follow the fold down operational sequence in the reverse order.
- Ensure all pins are installed and secured.

F- Maintenance

1 - General

As an owner and/or operator of Haulotte equipment, your Safety is of utmost importance to HAULOTTE® , which is why HAULOTTE® places such a high priority on product safety.

INSPECTIONS are not only required by HAULOTTE®, but may also be required by industry standards and/or local regulations.

To ensure your equipment continues to achieve the level of performance set in the factory, it is important to maintain it regularly. We remind you that it is strictly forbidden to make any modifications. Regular and timely inspections will reduce equipment down time as well as prevent possible injury.

N.B.-:-DO NOT OPERATE UNLESS YOU ARE FAMILIAR AND TRAINED IN THE PRINCIPLES OF SAFE MACHINE OPERATION.

Overview :

- Walk-around inspections take only a few minutes at the beginning and end of each shift – one of the best ways to prevent mechanical problems and safety hazards.

What to Do :

- Use your senses: sight, smell, hearing and touch.

Frequency :

- Check your machine periodically during your entire workday.
- Make sure to do your inspection the same way every time.
- Complete one of these inspections at the start and end of each shift.

N.B.-:-IF DAMAGE OR UNAUTHORIZED MODIFICATIONS ARE DISCOVERED, THE MACHINE MUST BE REMOVED FROM SERVICE UNTIL REPAIRS ARE MADE BY A QUALIFIED SERVICE TECHNICIAN.

It is the owner's responsibility to ensure the required maintenance as recommended by Haulotte is completed prior to the operation of the machine.

If regular maintenance is not carried out, this may :

- Void the warranty.
- Cause machine malfunction.
- Reduce machine reliability and shorten its service life.
- Jeopardize operator safety.

HAULOTTE Services® technicians are specially trained to carry out extensive repairs, interventions or adjustments on the safety systems or elements of HAULOTTE® machines. They carry genuine HAULOTTE spare parts and tools as required, and also provide fully documented reports on all work completed.

The inspection and maintenance table, identifies the role and the responsibilities of each party in periodical machine maintenance. ☞ Section C 3 - Inspection and Functional test.

2 - Maintenance Schedule

This section provides the necessary information needed to place the machine in safe operation. In accordance with the regulations that are currently applicable, this machine is deisgned to have a 10 year life span in normal usage conditions. The life may be extended or reduced dependent on the severity of operating conditions, the machine condition itself and by conducting effective inspections and maintenance in addition to other external factors. There are a number of factors which can affect the design life including but not limited to, severity of operating conditions/routine maintenance which should be carried out in accordance with this manual.

Severity of operating conditions may require a reduction in time between maintenance periods. Machines that have been out of service or have not been in use for more than 3 months must undergo a periodic inspection before the machine is put back into service.

Maintenance must be carried out by a competent company or person familiar with mechanical procedures.

Maintenance operations performed must be recorded in a register / log book of the machine.

3 - Inspection program

3.1 - GENERAL PROGRAM

The machine must be inspected on a regular basis at intervals of no less than once 1 per year. The purpose of the inspection is to detect any defect which could lead to an accident during routine use of the machine. Local standards and regulations may require more frequent inspections.

HAULOTTE® requires Reinforced and Major Inspections to be carried out on the product to extend its service life.

Inspections must be carried out by a competent company or person.

The inspection results must be recorded in the safety register or machine log book controlled and overseen by the company manager. This register or machine log book and the list of competent repair persons must be made available to the government work inspector and HAULOTTE Services®.

When	Responsible	Stakeholder	What
Before sale	Owner (or renter)	Competent technician or qualified technician HAULOTTE Services®	Periodic inspection
Before rent	Owner (or renter)	Competent technician or qualified technician HAULOTTE Services®	Daily inspection
Before use or every change of user	User	User	
Annually (1 year)	Owner (or renter)	Competent technician or qualified technician HAULOTTE Services®	Periodic inspection
5 years	Owner (or renter)	Qualified technician HAULOTTE Services®	Reinforced inspection
10 years	Owner (or renter)	Qualified technician HAULOTTE Services®	Major inspection

3.2 - DAILY INSPECTION

The Daily inspection includes a visual inspection, operational checks and testing of the safety systems. This must be conducted by the operator before using the machine.

This inspection is the responsibility of the user. Refer to ☞ Section C 3.1 - Daily inspection.

3.3 - PERIODIC INSPECTION

The Periodic inspection is a thorough evaluation of the operation and safety features of the machine.

It must be conducted before the sale / resale of the machine and/or at least once every year.

Local regulations may have specific requirements on frequency, and content of inspections.

The severity of operating conditions may require frequent inspections.

This inspection is the responsibility of the owner, and inspections must be carried out by a competent company or person.

This inspection is in addition to the daily inspection.

This inspection should also be conducted after :

- Extensive dismantling and reassembly of major components.
- Repairs involving the machine's essential components.
- Any accident causing stress to the machine.

3.4 - REINFORCED INSPECTION

The Reinforced inspection is a thorough evaluation of the machine's structural components, to ensure proper functionality of the machine.

This evaluation must occur at a frequency of 5000 hours or every 5 years.

This inspection is the responsibility of the owner, and it must be conducted by a HAULOTTE Services® technician or by a competent company or person.

This inspection includes :

- Daily inspection
- Periodic inspection

N.B.-:-REFER TO THE MAINTENANCE MANUAL FOR DETAILS.

3.5 - MAJOR INSPECTION

The Major inspection is a thorough evaluation of the machine's integrity and proper functioning; after a normal service life of 10 years.

This evaluation must take place after 10 years of operation and then repeated every 5 years thereafter.

The severity of operating conditions may require frequent inspections.

This inspection is the responsibility of the owner, and it must be conducted by a HAULOTTE Services® technician or by a competent company or person.

This inspection includes :
- Daily inspection
- Periodic inspection
- Reinforced inspection

N.B.-:-REFER TO THE MAINTENANCE MANUAL FOR DETAILS.

4 - Repairs and adjustments

Extensive repairs, interventions or adjustments on the safety systems or components must be performed by a HAULOTTE Services® technician. Use original spare parts and components only.

> ***N.B.-:-HAULOTTE SERVICES® TECHNICIANS ARE TRAINED PROFESSIONALS TO PERFORM EXTENSIVE REPAIRS, INTERVENTIONS AND ADJUSTMENTS ON THE SAFETY SYSTEMS OR COMPONENTS OF HAULOTTE® MACHINES. THE TECHNICIAN CARRIES GENUINE HAULOTTE® SPARE PARTS AND TOOLS AS REQUIRED, AND ALSO PROVIDES FULLY DOCUMENTED REPORTS ON ALL WORK COMPLETED.***

HAULOTTE Services® will not take responsibility for any outcomes resulting from inferior services or repairs performed by other unauthorised personnel.

HAULOTTE® reminds that NO modifications SHALL be carried out without the written permission of HAULOTTE®.

Any unauthorised repairs/modifications will void HAULOTTE® warranty.

To check for safety campaigns, consult our website : www.haulotte.com

> ***N.B.-:-WHEN DISPOSING OR SCRAPPING THIS MACHINE, PLEASE CONSIDER APPROPRIATE METHODS OF RECYCLING. ANY ITEMS THAT REQUIRE SPECIFIC DISPOSAL ARE LISTED WITH INSTRUCTIONS IN THE MAINTENANCE MANUAL.***

G- Other information

1 - Conditions of warranty

Our warranty conditions and extension contracts are now available on the websites of our sales network : www.haulotte.com

2 - Subsidiary contact information

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2.1 - CALIFORNIA WARNING

For the US destined machines (ANSI and CSA standards)

CALIFORNIA

⚠ Proposition 65 Warning

Operating, servicing and maintaining a passenger vehicle or off-road vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle.

For more information go to ☞ www.P65Warnings.ca.gov/passenger-vehicle

CALIFORNIE

⚠ Avertissement de la Proposition 65

L'exploitation, l'entretien et la maintenance d'un véhicule de tourisme ou d'un véhicule tout-terrain peuvent vous exposer à des produits chimiques, y compris les gaz d'échappement, le monoxyde de carbone, les phthalates et le plomb, identifiés par l'État de Californie comme pouvant causer le cancer et des malformations congénitales ou autres effets nocifs sur la reproduction. Pour limiter toute exposition: évitez de respirer les gaz d'échappement, ne laissez pas tourner le moteur au ralenti sauf si nécessaire, faites l'entretien du véhicule dans une zone bien aérée et portez des gants ou lavez vous fréquemment les mains lors de cette opération.

Pour de plus amples informations, consulter ☞ www.P65Warnings.ca.gov/passenger-vehicle

CALIFORNIA

⚠ Advertencia de la Proposición 65

Operar, dar servicio y mantenimiento a un vehículo de pasajeros o vehículo todo terreno puede exponerle a químicos incluyendo gases del escape, monóxido de carbono, ftalatos y plomo, los cuales son conocidos por el Estado de California como causantes de cáncer y defectos de nacimiento u otros daños reproductivos. Para minimizar la exposición, evite respirar los gases del escape, no encienda el motor excepto si es necesario, dé servicio a su vehículo en un área bien ventilada y utilice guantes o lave sus manos frecuentemente cuando dé servicio a su vehículo.

Para mayor información visite ☞ www.P65Warnings.ca.gov/passenger-vehicle

G- Other information

For the engine powered machines destined to the US market (Standards ANSI and CSA)

CALIFORNIA

⚠ Proposition 65 Warning

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- ✓ Always start and operate the engine in a well-ventilated area.
- ✓ If in an enclosed area, vent the exhaust to the outside.
- ✓ Do not modify or tamper with the exhaust system.
- ✓ Do not idle the engine except as necessary.

For more information go to ☞ www.P65Warnings.ca.gov/diesel

CALIFORNIE

⚠ Avertissement de la Proposition 65

Respirer les gaz d'échappement de moteurs diesel peut vous exposer à des agents chimiques identifiés par l'État de Californie comme pouvant causer le cancer et des malformations congénitales ou autres effets nocifs sur la reproduction.

- ✓ Toujours démarrer et faire tourner le moteur dans une zone bien aérée.
- ✓ Si la zone est mal ventilée, évacuer les gaz d'échappement à l'extérieur.
- ✓ Ne pas modifier ou altérer le système d'échappement.
- ✓ Ne laisser le moteur tourner au ralenti que si cela est nécessaire.

Pour de plus amples informations, consulter ☞ www.P65Warnings.ca.gov/diesel

CALIFORNIA

⚠ Advertencia de la Proposición 65

Respirar los gases del escape de motores a diésel le expone a químicos conocidos por el Estado de California como causantes de cáncer y defectos de nacimiento u otros daños reproductivos.

- ✓ Siempre encienda y opere el motor en un área bien ventilada.
- ✓ Si es en un área cerrada, ventile el orificio del escape hacia el exterior.
- ✓ Ne pas modifier ou altérer le système d'échappement.
- ✓ No modifique ni altere el sistema de escape.

Para mayor información visite ☞ www.P65Warnings.ca.gov/diesel

Notes

H- Intervention register

1 - Intervention register

The intervention register keeps a record of maintenance and repair work carried out inside or outside the maintenance programme.

*N.B.-:-IN THE CASE OF A **HAULOTTE SERVICES®** INTERVENTION, THE QUALIFIED TECHNICIAN MUST INDICATE THE **HAULOTTE SERVICES®** INTERVENTION NUMBER.*

Date	Type of intervention	Number of hours	Intervenor	HAULOTTE Services® intervention number

H- Intervention register

Date	Type of intervention	Number of hours	Intervenor	HAULOTTE Services® intervention number